

Ⅲ. 세계 화학섬유 통계

Statistics of World Chemical Fiber Industry

1. 세계 주요 World Production

(단위 : 천톤, 1,000Ton)

년도 Year	화학섬유 Chemical Fibers								
	재생섬유 Cellulose				합성섬유 Synthetic Fibers				
	Rayon		Acetate	소계 Sub Total	Nylon		Polyester		Acrylic SF
	F	SF			F	SF	F	SF	
2002	366 (3.4)	1,661 (4.6)	98 (△30.0)	2,125 (2.1)	3,454 (2.9)	451 (6.1)	12,268 (7.8)	8,790 (7.4)	2,708 (5.9)
2003	393 (7.4)	1,768 (6.4)	93 (△5.1)	2,254 (6.1)	3,495 (1.2)	3,495 (1.2)	13,087 (6.8)	9,312 (5.9)	2,693 (△0.6)
2004	394 (0.3)	1,987 (12.4)	91 (△1.8)	2,472 (9.7)	3,554 (1.7)	439 (△2.4)	14,086 (7.6)	10,060 (8.0)	2,815 (4.5)
2005	390 (△1.0)	2,006 (1.0)	86 (△5.4)	2,482 (0.4)	3,497 (△1.6)	397 (△9.7)	15,441 (9.6)	10,969 (9.0)	2,693 (△4.3)
2006	377 (△3.3)	2,177 (8.5)	81 (△6.3)	2,635 (6.1)	3,585 (2.5)	367 (△7.5)	16,704 (8.2)	11,496 (4.8)	2,520 (△6.4)
2007	378 (0.3)	2,674 (22.9)	69 (△14.8)	3,121 (18.5)	3,618 (0.9)	352 (△4.0)	18,957 (13.5)	12,449 (8.3)	2,408 (△4.7)
2008	339 (△10.3)	2,380 (△11.0)	60 (△13.0)	2,779 (△11.0)	3,404 (△5.9)	273 (△22.6)	18,658 (△1.6)	11,925 (△4.2)	1,872 (△22.1)
2009	317 (△6.5)	2,615 (9.9)	44 (△26.7)	2,976 (7.1)	3,362 (△1.2)	225 (△17.5)	20,258 (△8.6)	12,640 (6.0)	1,960 (4.7)
2010	398 (25.6)	2,877 (10.0)	49 (11.4)	3,324 (11.7)	3,639 (8.2)	187 (△16.9)	23,723 (17.1)	13,473 (6.6)	1,958 (△0.1)
2011	424 (6.5)	3,218 (11.9)	50 (2.0)	3,692 (11.1)	3,705 (1.8)	169 (△9.6)	26,375 (11.2)	14,220 (5.5)	1,990 (1.6)
2012	422 (△0.5)	3,860 (20.0)	49 (△2.0)	4,331 (17.3)	3,902 (5.3)	164 (△3.0)	29,126 (10.4)	15,038 (5.8)	1,937 (△2.7)
2013	365 (0.3)	4,381 (13.5)	50 (2.0)	4,796 (12.2)	4,182 (7.2)	167 (1.8)	31,900 (8.4)	15,464 (2.8)	1,899 (△2.0)
2014	311 (△14.8)	4,614 (5.3)	47 (4.0)	4,972 (3.7)	4,331 (3.6)	168 (0.6)	34,341 (7.7)	15,441 (△0.1)	1,792 (0.0)
2015	305 (△1.9)	4,797 (4.0)	45 (△4.3)	5,147 (3.5)	4,321 (△0.2)	182 (8.3)	36,170 (5.3)	15,941 (3.2)	1,799 (0.4)
2016	339 (11.0)	4,917 (2.5)	40 (△11.3)	5,295 (2.9)	4,593 (6.3)	192 (5.5)	36,192 (0.1)	16,206 (1.7)	1,696 (△5.7)
2017(p)	345 (1.9)	4,974 (1.2)	41 (2.8)	5,360 (1.2)	4,729 (3.0)	197 (2.6)	37,165 (2.7)	16,602 (2.4)	1,611 (△5.0)

자료 : Fiber Organon 2017 및 각종 자료취합
주 : 하단 () 는 전년비 증감률

Source : Fiber Organon 2017 and others papers
Note : () means the increased rate to the previous year

섬유 생산 of Major Fibers

(단위 : 천톤, 1,000Ton)

년도 Year	화학섬유 Chemical Fibers			천연섬유 Natural Fibers					합계 Grand Total
	합성섬유 Synthetic Fibers		계 Total	면 Cotton	양모 Wool	아마 Linen	견 Silk	계 Total	
	기타 Other	소계 Sub Total							
2002	354 (4.1)	28,015 (6.8)	30,140 (6.4)	21,187 (4.4)	2,177 (65.3)		97 (2.1)	23,461 (8.1)	63,601 (7.2)
2003	430 (21.5)	29,467 (5.2)	31,721 (5.2)	21,117 (△0.3)	2,135 (△1.9)		102 (5.2)	23,354 (△0.5)	55,075 (2.7)
2004	497 (15.6)	31,451 (6.7)	33,924 (6.9)	27,001 (27.9)	2,132 (△0.1)		115 (12.7)	29,248 (25.2)	63,172 (14.7)
2005	514 (3.4)	33,511 (6.5)	35,993 (6.1)	25,639 (△5.0)	2,144 (0.6)		133 (15.7)	27,916 (△4.6)	63,909 (1.2)
2006	591 (15.0)	35,263 (5.2)	37,898 (5.3)	26,718 (4.2)	2,156 (0.6)		145 (9.0)	29,019 (4.0)	66,917 (4.7)
2007	647 (9.5)	38,425 (9.0)	41,546 (9.6)	26,213 (△1.9)	2,122 (△1.6)		156 (7.6)	28,491 (△1.8)	70,037 (4.7)
2008	617 (△4.6)	36,749 (△4.4)	39,528 (△4.9)	24,170 (△7.8)	1,160 (△45.3)		148 (△5.1)	25,478 (△10.6)	65,006 (△7.2)
2009	622 (0.8)	39,067 (6.3)	42,043 (6.4)	22,200 (△8.2)	1,140 (△1.7)		148 (0.0)	23,488 (△7.8)	65,531 (0.8)
2010	899 (44.5)	43,879 (12.3)	47,203 (12.3)	25,050 (12.8)	1,127 (△1.1)		140 (△5.4)	26,317 (12.0)	73,520 (12.2)
2011	447 (△50.3)	46,906 (6.9)	50,598 (7.2)	23,807 (△5.0)	1,117 (△0.9)		132 (△5.7)	25,056 (△4.8)	75,654 (2.9)
2012	330 (△26.2)	50,497 (7.7)	54,828 (8.4)	23,081 (△3.0)	1,133 (1.4)	243 (-)	134 (1.5)	24,591 (△1.9)	80,253 (5.5)
2013	985 (7.8)	54,597 (6.2)	59,393 (6.7)	26,280 (13.9)	1,163 (2.6)	246 (1.2)	160 (19.4)	27,849 (13.2)	87,242 (8.7)
2014	1,057 (7.3)	57,130 (4.6)	62,102 (4.6)	26,200 (△0.3)	1,144 (△1.6)	241 (△2.0)	178 (11.3)	27,763 (△0.3)	89,865 (3.0)
2015	1,067 (0.9)	59,480 (4.1)	64,627 (4.1)	21,030 (△19.7)	1,157 (1.1)	252 (4.6)	184 (3.4)	22,623 (△18.5)	87,250 (△2.9)
2016	807 (△24.4)	59,686 (0.3)	64,981 (0.5)	23,234 (10.5)	1,170 (1.1)	248 (△1.6)	210 (14.1)	24,862 (9.9)	89,843 (3.0)
2017(p)	1,272 (57.6)	61,576 (3.2)	66,936 (3.0)	25,430 (9.5)	1,163 (△0.6)	- (-)	184 (△12.4)	26,778 (7.7)	93,714 (4.3)

2. 세계 주요국/지역별 합섬 World Synthetic Fiber Production &

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production											
		2012			2013			2014			2015		
		F	SF	계 Total	F	SF	계 Total	F	SF	계 Total	F	SF	계 Total
Acrylic+ Mod- acrylic	서구 W. Europe	-	280	280	-	238	238	-	203	203	-	202	202
	동구 E. Europe	-	69	69	-	64	64	-	50	50	-	41	41
	터키 Turkey	-	285	285	-	283	283	-	298	298	-	281	281
	미국 USA	-	-	-	-	-	-	-	-	-	-	-	-
	멕시코 Mexico	-	54	54	-	52	52	-	45	45	-	51	51
	기타미주 Other Americas	-	63	63	-	48	48	-	35	35	-	33	33
	일본 Japan	-	140	140	-	148	148	-	141	141	-	147	147
	중국 China	-	691	691	-	694	694	-	680	680	-	703	703
	한국 Korea	-	47	47	-	47	47	-	51	51	-	48	48
	대만 Taiwan	-	68	68	-	68	68	-	62	62	-	55	55
	인도 India	-	78	78	-	92	92	-	93	93	-	101	101
	기타아시아 Other Asia	-	94	94	-	104	104	-	108	108	-	108	108
중동/아/대양 M. East, A&O	-	69	69	-	76	76	-	83	83	-	35	35	
합계 Total		-	1,937	1,937	-	1,914	1,914	-	1,849	1,849	-	1,804	1,804

자료 : Fiber Organon June 2017
Source : Fiber Organon June 2017

생산 실적 및 생산능력(1) Capacity By Major Country/Region(1)

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production					생산능력 Capacity					
		2016			가동률(2016)		2017. 3			2018. 12		
		F	SF	계 Total	F	SF	F	SF	계 Total	F	SF	계 Total
Acrylic+ Mod- acrylic	서구 W. Europe	-	195	195	-	76	-	256	256	-	248	248
	동구 E. Europe	-	39	39	-	103	-	38	38	-	38	38
	터키 Turkey	-	283	283	-	90	-	315	315	-	315	315
	미국 USA	-	-	-	-	-	-	-	-	-	-	-
	멕시코 Mexico	-	41	41	-	81	-	50	50	-	50	50
	기타미주 Other Americas	-	23	23	-	61	-	38	38	-	38	38
	일본 Japan	5	127	132	81	82	6	155	161	6	155	161
	중국 China	-	631	631	-	88	-	720	720	-	720	720
	한국 Korea	-	53	53	-	82	-	65	65	-	65	65
	대만 Taiwan	-	58	58	-	47	-	124	124	-	124	124
	인도 India	-	103	103	-	70	-	147	147	-	147	147
	기타아시아 Other Asia	-	109	109	-	91	-	120	120	-	120	120
중동/아/대양 M. East, A&O	-	30	30	-	75	-	40	40	-	40	40	
합계 Total		5	1,692	1,697	81	82	6	2,068	2,074	6	2,060	2,066

2. 세계 주요국/지역별 합섬 World Synthetic Fiber Production &

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production											
		2012			2013			2014			2015		
		F	SF	계 Total	F	SF	계 Total	F	SF	계 Total	F	SF	계 Total
Nylon	서구 W. Europe	262	34	296	253	32	285	252	30	282	251	29	280
	동구 E. Europe	142	2	144	140	1	141	145	2	147	140	1	141
	터키 Turkey	62	-	62	65	-	65	69	-	69	78	-	78
	캐나다 Canada	100	-	100	99	-	99	91	-	91	82	-	82
	미국 USA	531	31	561	565	32	597	571	33	604	525	32	558
	멕시코 Mexico	29	-	29	19	-	19	20	-	20	19	-	19
	기타미주 Other Americas	76	-	76	85	-	85	84	-	84	59	3	62
	일본 Japan	98	2	100	95	2	97	98	1	99	90	2	91
	중국 China	1,791	82	1,873	2,025	85	2,110	2,241	73	2,314	2,267	102	2,369
	한국 Korea	139	5	144	128	3	131	115	4	119	129	4	133
	대만 Taiwan	370	5	375	379	6	385	358	6	364	317	6	323
	인도 India	76	1	77	91	1	92	101	1	102	103	1	104
	기타아시아 Other Asia	160	2	162	172	2	174	181	1	182	179	2	181
중동/아/대양 M. East, A&O	67	-	67	72	-	72	74	-	74	83	-	83	
합계 Total		3,902	164	4,066	4,188	164	4,352	4,400	151	4,551	4,321	182	4,503

자료 : Fiber Organon June 2017

주 : U,S,A Nylon(Aramid 제외)

생산 실적 및 생산능력(2) Capacity By Major Country/Region(2)

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production					생산능력 Capacity					
		2016			가동률(2016)		2017.			2018.12		
		F	SF	계 Total	F	SF	F	SF	계 Total	F	SF	계 Total
Nylon	서구 W. Europe	257	27	285	75	58	335	50	385	335	50	385
	동구 E. Europe	141	2	143	73	36	190	3	193	190	3	193
	터키 Turkey	80	-	80	80	-	97	-	97	106	-	106
	캐나다 Canada	75	-	75	98	-	84	-	84	84	-	84
	미국 USA	533	35	568	79	77	667	42	709	663	42	705
	멕시코 Mexico	24	-	24	50	-	38	-	38	48	-	48
	기타미주 Other Americas	66	3	69	62	70	96	4	100	96	4	100
	일본 Japan	91	1	93	72	50	124	3	127	127	3	130
	중국 China	2,408	122	2,530	53	66	4,245	155	4,400	4,731	168	4,899
	한국 Korea	124	4	128	76	59	171	7	178	171	7	178
	대만 Taiwan	304	5	309	89	70	355	8	363	355	8	363
	인도 India	152	1	153	55	70	186	2	188	186	2	188
	기타아시아 Other Asia	197	2	198	59	85	302	2	304	302	2	304
중동/아/대양 M. East, A&O	91	-	91	71	-	116	-	116	118	-	118	
합계 Total		4,543	203	4,746	62	66	7,006	276	7,282	7,512	289	7,801

2. 세계 주요국/지역별 합섬 World Synthetic Fiber Production &

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production											
		2012			2013			2014			2015		
		F	SF	계 Total	F	SF	계 Total	F	SF	계 Total	F	SF	계 Total
Polyester	서구 W. Europe	188	298	486	178	287	465	175	280	455	179	275	454
	동구 E. Europe	71	212	283	70	208	278	60	205	265	59	204	262
	터키 Turkey	204	222	426	208	240	448	224	237	461	236	251	488
	캐나다 Canada	-	-	-	-	-	-	-	-	-	1		1
	미국 USA	564	639	1,203	617	645	1,262	638	653	1,291	650	633	1,283
	멕시코 Mexico	76	50	126	80	55	135	69	68	137	73	73	146
	기타미주 Other Americas	104	191	295	112	202	314	108	191	299	94	179	273
	일본 Japan	167	152	319	151	143	294	136	147	283	128	139	266
	중국 China	21,929	9,398	31,327	24,088	9,470	33,558	6,284	9,302	35,586	27,878	9,599	37,477
	한국 Korea	797	610	1,407	745	612	1,357	709	620	1,329	818	700	1,518
	대만 Taiwan	923	578	1,501	924	556	1,480	921	545	1,466	920	528	1,448
	인도 India	2,422	1,005	3,429	2,509	1,033	3,542	2,703	1,099	3,802	3,162	1,372	4,533
	기타아시아 Other Asia	1,548	1,518	3,066	1,623	1,649	3,272	1,664	1,745	3,409	1,767	1,770	3,537
중동/아/대양 M. East, A&O	133	168	301	148	182	330	160	200	360	207	218	425	
합계 Total		29,128	15,040	44,168	31,453	15,282	46,735	33,851	15,292	49,143	36,170	15,941	52,112

생산 실적 및 생산능력(3) Capacity By Major Country/Region(3)

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production					생산능력 Capacity					
		2016			가동률(2016)		2017.3			2018.12		
		F	SF	계 Total	F	SF	F	SF	계 Total	F	SF	계 Total
Polyester	서구 W. Europe	197	272	469	74	79	243	348	591	243	348	591
	동구 E. Europe	73	266	338	74	59	79	348	427	79	360	439
	터키 Turkey	240	258	497	76	69	311	366	677	297	486	783
	캐나다 Canada	2	-	2	20	-	6	-	6	6	-	4
	미국 USA	646	635	1,282	75	72	867	884	1,751	891	919	1,810
	멕시코 Mexico	80	76	156	78	81	94	90	184	97	96	193
	기타미주 Other Americas	76	182	258	82	73	114	244	358	139	246	385
	일본 Japan	107	121	227	86	81	148	172	320	148	172	320
	중국 China	27,517	9,754	37,271	76	54	36,917	17,655	54,572	37,932	17,766	55,698
	한국 Korea	758	667	1,425	83	78	985	902	1,887	985	980	1,965
	대만 Taiwan	866	546	1,412	69	78	1,336	680	2,016	1,336	776	2,112
	인도 India	3,341	1,423	4,764	68	59	4,682	2,315	6,997	4,844	2,418	7,262
	기타아시아 Other Asia	1,685	1,798	3,483	85	63	2,082	2,832	4,914	2,102	3,012	5,114
중동/아/대양 M. East, A&O	196	242	438	73	69	283	314	597	288	354	642	
합계 Total		35,782	16,239	52,020	75	59	48,147	27,149	75,297	49,387	27,932	77,318

2. 세계 주요국/지역별 합섬 World Synthetic Fiber Production &

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production											
		2012			2013			2014			2015		
		F	SF	계 Total	F	SF	계 Total	F	SF	계 Total	F	SF	계 Total
Total Fibers	서구 W. Europe	502	629	1,131	481	573	1,054	477	528	1,005	478	522	999
	동구 E. Europe	216	282	498	213	273	486	208	256	464	201	246	447
	터키 Turkey	281	506	787	288	523	811	309	535	844	329	532	862
	캐나다 Canada	100	-	100	99	-	99	91	-	91	84	-	84
	미국 USA	1,196	701	1,897	1,281	707	1,988	1,305	721	2,026	1,260	701	1,960
	멕시코 Mexico	111	103	214	104	108	212	95	113	208	99	124	223
	기타미주 Other Americas	194	254	448	213	250	463	211	226	437	173	215	388
	일본 Japan	279	330	609	263	333	596	251	331	582	241	320	561
	중국 China	24,089	10,340	34,429	26,565	10,430	36,995	29,016	10,247	39,263	30,657	10,585	41,242
	한국 Korea	959	661	1,620	901	662	1,563	854	675	1,529	984	752	1,736
	대만 Taiwan	1,307	659	1,966	1,316	637	1,953	1,292	620	1,912	1,250	594	1,845
	인도 India	2,504	1,085	3,589	2,603	1,127	3,730	2,811	1,194	4,005	3,272	1,474	4,747
	기타아시아 Other Asia	1,735	1,620	3,355	1,825	1,754	3,579	1,876	1,854	3,730	1,966	1,880	3,845
중동/아대양 M. East, A&O	201	237	438	220	258	478	234	283	517	290	253	543	
합계 Total		33,674	17,407	51,081	35,372	17,635	54,007	39,030	17,583	56,613	41,283	18,199	59,481

자 료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

생산 실적 및 생산능력(4) Capacity By Major Country/Region(4)

(단위 : 천톤, 1,000Ton)

품목 Items	국가/지역 Country & Region	생산실적 Production					생산능력 Capacity					
		2016			가동률(2016)		2017.3			2018.12		
		F	SF	계 Total	F	SF	F	SF	계 Total	F	SF	계 Total
Total Fibers	서구 W. Europe	504	510	1,014	74	77	645	674	1,319	645	666	1,311
	동구 E. Europe	217	307	523	74	63	274	389	663	274	401	675
	터키 Turkey	336	540	876	77	78	428	681	1,109	425	801	1,226
	캐나다 Canada	77	-	77	93	-	90	-	90	90	-	90
	미국 USA	1,259	703	1,962	77	72	1,639	969	2,607	1,659	1,004	2,662
	멕시코 Mexico	111	116	228	70	89	142	140	282	155	146	301
	기타미주 Other Americas	161	208	368	73	75	236	286	522	261	288	549
	일본 Japan	224	283	507	78	84	308	382	690	311	382	693
	중국 China	30,532	10,739	41,271	73	56	41,807	18,790	60,597	43,353	18,924	62,277
	한국 Korea	927	724	1,651	81	77	1,213	974	2,187	1,213	1,052	2,265
	대만 Taiwan	1,182	616	1,798	73	73	1,707	821	2,528	1,707	917	2,624
	인도 India	3,501	1,527	5,028	67	60	4,878	2,464	7,342	5,040	2,567	7,607
	기타아시아 Other Asia	1,916	1,909	3,824	81	64	2,425	2,954	5,379	2,446	3,134	5,580
중동/아/대양 M. East, A&O	287	272	558	73	71	399	354	753	406	394	800	
합계 Total		41,233	18,453	59,686	73	61	56,190	29,878	86,068	57,984	30,675	88,659

3.세계 주요국/지역별 재생섬유 World Cellulosic Fiber Production

(단위 : 천톤, 1,000Ton)

구분 Description	생산실적 Production											
	2012			2013			2014			2015		
	File	S	계 Total	File	S	계 Total	File	S	계 Total	File	S	계 Total
Rayon												
서구 W. Europe	45	353	398	43	347	390	42	343	385	43	353	396
동구 E. Europe	23		23	18		18	18	-	18	18	-	18
북미 N. America	25		25	26		26	28	-	25	23	-	23
기타미주 Oth America	2	20	22	2	8	10	2	-	2	2	-	2
일본 Japan	22	39	61	23	39	62	24	39	63	22	37	59
중국 China	239	2,427	2,666	247	2,930	3,177	191	3,097	3,288	183	3,177	3,360
기타아시아 Other Asia	55	1,022	1,077	56	1,059	1,115	57	1,136	1,193	58	1,226	1,284
기타 All Other			-			-			-			-
세계계 W. Total	411	3,861	4,272	415	4,382	4,797	359	4,615	4,974	350	4,793	5,143
강력 Rayon High Strength Rayon												-
서구 W. Europe	31	-	31	29	-	29	29	-	29	30	-	30
동구 E. Europe	8	-	8	8	-	8	8	-	8	8	-	8
북미 N. America	-	-	-	-	-	-	-	-	-	-	-	-
기타미주 Oth. America	-	-	-	-	-	-	-	-	-	-	-	-
일본 Japan	-	-	-	-	-	-	-	-	-	-	-	-
중국 China	-	-	-	-	-	-	-	-	-	-	-	-
기타아시아 Other Asia	13	-	13	12	-	12	12	-	12	14	-	14
기타 All Other	-	-	-	-	-	-	-	-	-	-	-	-
세계계 W.Total	52	-	52	49	-	49	50	-	50	52	-	52

자 료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

생산 실적 및 생산능력(1) & Capacity by Region & Fiber(1)

(단위 : 천톤, 1,000Ton)

구분 Description	생산실적 Production				생산능력 Capacity						
	2016			가동률('16) Operation Rate	2017,3			2018,12			
	Fil	S	계 Total		Fil	S	계 Total	Fil	S	계 Total	
Rayon											
서구 W. Europe	42	340	383	93	50	376	426	50	376	426	
동구 E. Europe	23	-	23	60	30	-	30	30	-	30	
북미 N. America	19	-	19	83	28	-	28	28	-	28	
기타미주 Oth America	-	-	-	-	-	-	-	-	-	-	
일본 Japan	25	40	65	74	32	48	80	32	48	80	
중국 China	168	3,284	3,452	76	300	4,122	4,422	300	4,311	4,611	
기타아시아 Other Asia	62	1,256	1,318	83	97	1,460	1,557	97	1,555	1,657	
기타 All Other			-	-	-	-	-	-	-	-	
세계계 W. Total	339	4,920	5,259	79	536	6,006	6,542	536	6,290	6,826	
강력 Rayon High Strength Rayon		-									
서구 W. Europe	30	-	30	90	32	-	32	32	-	32	
동구 E. Europe	12	-	12	8	16	-	16	16	-	16	
북미 N. America	-	-	-	-	-	-	-	-	-	-	
기타미주 Oth. America	-	-	-	-	-	-	-	-	-	-	
일본 Japan	-	-	-	-	-	-	-	-	-	-	
중국 China	-	-	-	-	-	-	-	-	-	-	
기타아시아 Other Asia	16	-	16	87	34	-	34	34	-	34	
기타 All Other		-	-	-	-	-	-	-	-	-	
세계계 W,Total	58	-	58	79	82	-	82	82	-	82	

3. 세계 주요국/지역별 재생섬유 World Cellulosic Fiber Production

(단위 : 천톤, 1,000Ton)

구분 Description	생산실적 Production											
	2012			2013			2014			2015		
	File	S	계 Total	File	S	계 Total	File	S	계 Total	File	S	계 Total
Acetate												
서구 W. Europe	7	-	7	7	-	7	7	-	7	7	-	7
동구 E. Europe	6	-	6	6	-	6	6	-	6	6	-	6
북미 N. America	27	-	27	28	-	28	27	-	27	25	-	25
기타미주 Oth America	2	-	2	2	-	2	2	-	2	2	-	2
일본 Japan	8	-	8	8	-	8	8	-	8	7	-	7
중국 China	-	-	-	-	-	-	-	-	-	-	-	-
기타아시아 Other Asia	-	-	-	-	-	-	-	-	-	-	-	-
기타 All Other	-	-	-	-	-	-	-	-	-	-	-	-
세계계 W. Total	50	-	50	51	-	51	50	-	50	48	-	48
강력 Rayon High Strength Rayon												
서구 W. Europe	82	353	435	79	347	426	79	343	422	81	353	434
동구 E. Europe	37	-	37	32	-	32	33	-	33	33	-	33
북미 N. America	52	-	52	54	-	54	51	-	51	48	-	48
기타미주 Oth, America	4	20	24	4	8	12	4	-	4	4	-	4
일본 Japan	30	39	69	31	39	70	32	39	71	30	37	67
중국 China	239	2,427	2,666	247	2,930	3,177	191	3,097	3,288	183	3,177	3,360
기타아시아 Other Asia	68	1,022	1,090	68	1,059	1,127	69	1,136	1,205	72	1,226	1,298
기타All Other	-	-	-	-	-	-	-	-	-	-	-	-
세계계 W.Total	512	3,861	4,373	515	4,382	4,897	458	4,615	5,073	450	4,793	5,243

자 료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

생산 실적 및 생산능력(2) Capacity by Region & Fiber(2)

(단위 : 천톤, 1,000Ton)

구분 Description	생산실적 Production				생산능력 Capacity					
	2016			가동률('16) Operation Rate	2017,3			2018,12		
	Fil	S	계 Total		Fil	S	계 Total	Fil	S	계 Total
Acetate										
서구 W. Europe	5		5	65	8		8	8		8
동구 E. Europe	6		6	80	8		8	8		8
북미 N. America	19		19	69	28		28	28		28
기타미주 Oth America	-		-	-	-		-	-		-
일본 Japan	10		10	85	12		12	12		12
중국 China			-	-	-		-	-		-
기타아시아 Other Asia			-	-	-		-	-		-
기타 All Other			-	-	-		-	-		-
세계계 W. Total	41		41	73	56		56	56		56
강력 Rayon High Strength Rayon										
서구 W. Europe	78	340	418	90	90	376	466	90	376	466
동구 E. Europe	41	-	41	76	54	-	54	54	-	54
북미 N. America	39	-	39	69	56	-	56	56	-	56
기타미주 Oth. America	-	-	-	-	-	-	-	-	-	-
일본 Japan	35	40	75	82	43	48	91	43	48	91
중국 China	168	3,284	3,452	78	300	4,122	4,422	300	4,311	4,611
기타아시아 Other Asia	77	1,256	1,333	84	131	1,460	1,591	131	1,555	1,691
기타세 Other	-	-	-	-	-	-	-	-	-	-
세계계 W.Total	438	4,920	5,358	80	674	6,006	6,680	674	6,290	6,964

4. 세계 주요국 화섬 World Chemical Fiber Production By

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	품종 Items	2010	2011	2012	2013	2014	2015	2016	생산능력Capacity	
									2017	2018
한국 Korea	S	1,561.6	1,651.8	1,619.9	1,563.4	1,654.3	1,679.3	1,650.7	2,186.6	2,264.6
	R	-	-	-	-	-	-	-	-	-
	소계 Sub Total	1,561.6	1,651.8	1,619.9	1,563.4	1,654.3	1,679.3	1,650.7	2,186.6	2,264.6
일본 Japan	S	639.0	642.1	609.3	596.2	559.8	543.9	507.4	690.0	693.0
	R	62.8	61.9	60.9	61.5	62.8	64.6	65.1	79.5	79.5
	소계 Sub Total	701.8	704.0	670.2	657.7	622.6	608.5	572.5	769.5	772.5
대만 Taiwan	S	2,243.3	2,076.7	1,966.2	1,953.7	1,891.5	1,845.3	1,797.6	2,528.0	2,624.0
	R	97.2	81.6	98.4	199	124.5	126.1	106.8	147.0	147.0
	소계 Sub Total	2,340.5	2,158.3	2,064.6	2,152.7	2,016.0	1,971.4	1,904.4	2,675.0	2,771.0
베트남 Vietnam	S	223.8	284.6	317.2	339.7	396.7	412.7	466.8	786.0	952.0
중국 China	S	27,300.3	30,728.5	34,429.1	36,994.7	37,795.9	39,722.0	41,270.5	60,597.0	62,277.0
	R	1,751.5	2,093.3	2,665.8	3,176.5	3,287.7	3,360.2	3,451.7	4,422.0	4,611.0
	소계 Sub Total	29,051.8	32,821.8	37,094.9	40,171.2	41,083.6	43,082.2	44,722.2	65,019.0	66,888.0
태국 Thailand	S	909.5	776.4	785.8	867.1	844.4	855.5	880.2	1,164.5	1,164.5
	R	137.4	140.0	150.0	80.0	113.0	138.5	140.0	165.0	165.0
	소계 Sub Total	1,046.9	916.4	935.8	947	957	994	1,020	1,330	1,330
싱가폴 Singapore	S	11.5	12.9	15.8	10.7	12	12.3	12	14.0	14.0
말레이시아 Malaysia	S	383.0	391.4	386.4	378.3	382.3	385.4	396.7	591.0	591.0
필리핀 Philippines	S	-	-	-	-	-	-	-	-	-
인도네시아 Indonesia	S	1,160.1	1,192.4	1,227.8	1,332.1	1,510.4	1,564.0	1,410.2	1,785.0	1,820.0
	R	393.5	424.0	437.0	502.3	512.0	509.0	512.0	535.0	630.0
	소계 Sub Total	1,553.6	1,616.4	1,664.8	1,834.4	2,022.4	2,073.0	1,922.2	2,320.0	2,450.0
인도 India	S	3,841.0	4,255.6	3,588.6	3,729.9	4,596.2	4,784.1	5,027.7	7,342.4	7,607.0
	R	391.8	413.3	391.8	413.3	442.7	516.1	555.1	709.6	709.6
	소계 Sub Total	4,232.8	4,668.9	3,980.4	4,143.2	5,038.9	5,300.2	5,582.8	8,052.0	8,316.6
파키스탄 Pakistan	S	475.6	472.7	451.1	462.7	453.4	466.5	477	788.0	788.0
	R	-	-	-	-	-	-	-	-	-
	소계 Sub Total	475.6	472.7	451.1	462.7	453.4	466.5	477	788.0	788.0

자료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

생산 실적(Olefin 섬유제외)(1) Country/Region(Excluding Olefin Fiber)(1)

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	품종 Items	2010	2011	2012	2013	2014	2015	2016	생산능력Capacity		
									2017	2018	
아시아 Asia	스리랑카 Sri Lanka	S	-	-	-	-	-	-	-	-	-
	방글라데시 Bangladesh	S	111.4	147.4	170.2	177.1	175.8	177.2	181.4	250.0	250.0
		R	-	-	-	-	-	-	-	-	-
		소계 Sub Total	111.4	147.4	170.2	177.1	175.8	177.2	181.4	250.0	250.0
	이란 Iran	S	188.6	217.1	283.8	306.2	325.8	344.7	372.9	523.0	570.0
	이라크 Iraq	R	-	-	-	-	-	-	-	-	-
	사우디 Saudi	S	31.4	31.4	33.4	41.1	47.5	49.1	47.6	61.0	61.0
이스라엘 Israel	S	29.1	29.4	32.3	34.0	35.0	35.0	35.0	40.0	40.0	
구주 W,E Europe	서구 W, Europe	S	1,260.2	1,186.1	1,131.1	1,063.9	1,029.9	1,022.2	1,013.8	1,319.0	1,311.0
		R	409.6	399.3	407.9	389.9	382.4	381.7	382.8	480.0	494.0
		소계 Sub Total	1,669.8	1,585.4	1,539.0	1,453.8	1,412.3	1,403.9	1,396.6	1,799.0	1,805.0
	폴란드 Poland	S	38.3	32.7	29.1	29.0	17.2	17.1	17.2	32.0	32.0
	러시아 Russia	S	329.6	327.3	323.3	301.6	281.9	286.7	328.1	384.8	384.8
		R	3.2	2.5	0.4	-	-	-	-	-	-
		소계 Sub Total	332.8	329.8	323.7	301.6	281.9	286.7	328.1	384.8	384.8
	헝가리 Hungary	S	-	-	-	-	-	-	-	-	-
	구 유고 Yugo	S	-	-	-	-	-	-	-	-	-
		R	-	-	-	-	-	-	-	-	-
소계 Sub Total		-	-	-	-	-	-	-	-	-	

자 료 : Fiber Organon June 2017,
일본섬유Hand Book, 각종 자료취합

Source : Fiber Organon June 2017, Handbook of JCFA and
other papers

4. 세계 주요국 화섬 World Chemical Fiber Production By

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		품종 Items	2010	2011	2012	2013	2014	2015	2016	생산능력 Capacity		
										2017	2018	
구주 W,E Europe	루마니아 Romania	S	34.7	41.9	42.2	47.4	43.4	53.7	55.0	84	96	
	불가리아 Bulgaria	S	2.7	-	7.0	8.0	8.0	8.0	8.0	8.0	12	12
		R	4.8	4.6	5.0	-	-	-	-	-	-	-
		소계 Sub Total	7.5	4.6	12.0	8.0	8.0	8.0	8.0	8.0	12	12
	라트비아 Latvia	S	5.4	6.2	15.5	12.2	11.4	10.4	10.5	20	20	
	터키 Turkey	S	752.2	795.6	787.2	810.8	845.2	866.8	876.2	1,109	1,226	
	리투아니아 Lithuania	R	6.0	6.5	6.4	6.3	6.2	6.4	5.6	8	8	
	체코 Czech	S	33.6	35.1	32.0	33.3	35.0	34.1	39.2	54	54	
		R	10.8	11.7	11.6	11.4	12.7	15.7	17.0	22	22	
		소계 Sub Total	44.4	46.8	43.6	44.7	47.7	49.8	56.2	76	76	
	슬로베니아 Slovenia	S	31.4	31.7	33.2	36.4	36.0	36.7	37.2	42	42	
	슬로바키아 Slovakia	S	31.4	20.4	15.5	18.7	24.6	28.0	28.2	34	34	
		R	-	-	-	-	-	-	-	-	-	-
		소계 Sub Total	31.4	20.4	15.5	18.7	24.6	28.0	28.2	34	34	
미주 N,S Americas	캐나다 Canada	S	120.0	116.6	99.7	99.1	90.8	83.6	77.2	90	90	
	미국 USA	S	1,847.8	1,818.5	1,897.6	1,965.5	2,010.6	1,962.6	1,962.3	2,607	2,662	
		R	25.4	26.2	25.3	26.4	24.7	23.2	19.3	28	28	
		소계 Sub Total	1,873.2	1,844.7	1,922.9	1,991.9	2,035.3	1,985.8	1,981.6	2,635	2,690	
	멕시코 Mexico	S	207.0	204.9	214.4	220.1	219.6	222.2	227.6	282	301	
		R	-	-	-	-	-	-	-	-	-	-
		소계 Sub Total	207.0	204.9	214.4	220.1	219.6	222.2	227.6	282	301	
페루 Peru	S	39.8	39.7	39.4	42.5	38.9	30.9	26.8	44	44		

자료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

생산 실적(Olefin 섬유제외)(2) Country/Region(Excluding Olefin Fiber)(2)

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		품종 Items	2010	2011	2012	2013	2014	2015	2016	생산능력 Capacity	
										2017	2018
미주 N.S Americas	칠레 Chile	S	-	-	-	-	-	-	-	-	-
	엘살바도르 EL Salvador	S	14.0	16.4	17.4	18.1	17.0	17.0	17.0	20.0	20.0
	콜롬비아 Colombia	S	37.0	34.0	37.8	48.8	41.6	39.4	39.6	55.0	55.0
	베네수엘라 Venezuela	S	-	-	-	-	-	-	-	-	-
	온두라스 Honduras	S	8.8	9.6	13.6	19.8	22.2	23.5	23.5	27.0	52.0
	에콰도르 Ecuador	S	4.1	3.8	4.3	5.0	4.0	3.4	1.2	6.0	6.0
	브라질 Brazil	S	293.1	295.8	280.0	280.2	247.2	223.8	220.1	297.0	299.0
		R	20.7	18.1	19.5	7.7	-	-	-	-	-
		소계 Sub Total	313.8	313.9	299.5	287.9	247.2	223.8	220.1	297.0	299.0
	아르헨티나 Argentina	S	49.9	48.1	55.1	53.6	54.0	47.9	47.3	63.0	63.0
R		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
소계 Sub Total		51.9	50.1	57.1	55.6	56.0	49.9	49.3	65.0	65.0	
아프리카 Africa	모로코 Morocco	S	16.1	16.7	16.1	16.4	16.2	15.4	15.2	18.0	18.0
	이집트 Egypt	S	65.3	78.2	86.3	77.4	58.6	48.7	38.8	51.0	51.0
		R	-	-	-	-	-	-	-	-	-
		소계 Sub Total	65.3	78.2	86.3	77.4	58.6	48.7	38.8	51.0	51.0
	나이지리아 Nigeria	S	7.6	10.8	10.7	11.9	12.6	12.8	12.7	16.0	16.0
	케냐 Kenya	S	2.2	-	-	-	-	-	-	-	-
남아프리카 S. Africa	S	16.5	16.0	17.0	19.0	20.2	20.0	20.0	24.0	24.0	
대양주 Oceania	호주 Australia	S	4.5	4.0	4.1	6.7	7.0	5.3	4.6	5.0	5.0
세계계 World Total	S	43,817.3	47,343.9	51,388.5	54,605.4	55,883.5	58,008.1	59,693.0	86,067.7	88,658.9	
	R	3,274.8	3,641.3	4,272.1	4,796.2	4,968.6	5,141.5	5,255.4	6,542.1	6,826.1	
	소계 Sub Total	47,092.1	50,985.2	55,660.6	59,401.6	60,852.1	63,149.6	64,948.4	92,609.8	95,485.0	

자 료 : Fiber Organon June 2016, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2016, Handbook of JCFA and other papers

5. 세계 합섬 국별/ World Synthetic Fiber

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Nylon				Polyester							
		2013	2014	2015	2016	Filament				Staple			
						2013	2014	2015	2016	2013	2014	2015	2016
아시아 Asia	한국 Korea	128	115		101	742	659		625	533	543		589
	일본 Japan	95	98	90	89	151	136	128	124	143	147	134	111
	대만 Taiwan	316	336	318	272	923	923	919	861	538	545	528	532
	중국 China	2,113	2,592	2,369	3,332	21,128	26,387	27,878	29,810	9,487	9,271	9,599	9,780
	태국 Thailand	62	60	60	60	212	243	248	380	240	230	230	310
	말련 Malaysia	35	30	28	21	384	373	371	258	102	99	98	114
	베트남 Vietnam	35	37	48	55	142	143	160	241	156	175	162	171
	필리핀 Philippines	-	-	-	-	-	-	-	-	-	-	-	-
	인니 Indonesia	54	49	49	50	734	812	831	700	549	618	669	660
	인도 India	92	98	104	110	1,219	3,088	3,162	3,200	842	1,215	1,372	1,400
	파키스탄 Pakistan	1	1	1	1	76	65	71	70	447	364	368	406
	방글라데시 Bangladesh	-	-	-	-	57	67	64	63	93	113	64	118
	이란 Iran	6	8	8	14	88	90	92	177	81	93	93	152
	사우디 Saudi	14	14	8	3	4	8	6	23	19	19	19	21
이스라엘 Israel	31	35	35	35	-	-	-	-	-	-	-	-	
UAE 아랍에미리트									-	7	9	11	12

자료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

품목별 생산량(1)
Production by Country & Fiber(1)

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Acrylic				합계 Total			
		2013	2014	2015	2016	2013	2014	2015	2016
아시아 Asia	한국 Korea	55	50		53	1,458	1,367	-	1,368
	일본 Japan	147	141	142	127	536	522	494	451
	대만 Taiwan	68	62	55	58	1,845	1,866	1,820	1,723
	중국 China	694	676	703	720	33,422	38,926	40,549	43,642
	태국 Thailand	125	129	129	150	639	662	667	880
	말련 Malaysia	-	-	1	-	522	502	498	393
	베트남 Vietnam	-	-	-	-	333	355	370	467
	필리핀 Philippines	-	-	-	-	-	-	-	-
	인니 Indonesia	-	-	-	-	1,337	1,479	1,549	1,410
	인도 India	92	96	101	102	2,245	4,497	4,739	4,812
	파키스탄 Pakistan	-	-	-	-	524	430	440	477
	방글라데시 Bangladesh	-	-	-	-	150	180	128	181
	이란 Iran	50	48	42	50	225	239	235	373
	사우디 Saudi	-	-	-	-	37	41	33	47
이스라엘 Israel	-	-	-	-	31	35	35	35	
UAE 아랍에미리트					7	9	11	12	

5. 세계 합섬 국별/ World Synthetic Fiber

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Nylon				Polyester							
		2013	2014	2015	2016	Filament				Staple			
						2013	2014	2015	2016	2013	2014	2015	2016
아시아 Asia	베네룩스 Benelux	32	30	30	30	28	28	28	35	9	9	10	9
	프랑스 France	16	16	15	13	33	33	33	29	-	-	-	-
	독일 Germany	74	74	72	65	146	148	148	100	123	123	121	92
	아일랜드 Ireland	-	-	-	-	-	-	-	-	80	81	81	83
	이탈리아 Italy	126	130	131	128	26	23	25	24	64	61	60	56
	몰타 Malta	6	7	6	13	-	-	-	-	-	-	-	-
	포르투갈 Portugal	-	-	-	-	2	2	2	2	-	-	-	-
	스페인 Spain	22	22	21	10	25	23	21	20	12	-	-	-
	스위스 Swiss	12	11	12	1	20	21	20	22	2	2	2	2
	터키 Turkey	65	72	81	80	208	225	229	240	240	224	243	258
	영국 U.K	19	19	18	19	-	-	-	-	-	-	-	-
	불가리아 Bulgaria	-	-	-	-	-	-	-	-	8	8	8	8
	체코 Czech	-	-	-	-	-	-	-	-	31	32	35	39
	슬로바키아 Slovakia	10	10	9	17	8	10	11	11	-	-	-	-
	구 유고 Yugo	-	-	-	-	-	-	-	-	-	-	-	-
	폴란드 Poland	11	9	9	8	-	-	-	-	15	14	7	9
루마니아 Romania	4	5	7	7	-	-	-	-	35	38	37	47	
러시아 Russia	75	67	58	67	65	57	72	54	110	120	113	130	
라트비아 Latvia	6	18	10	10	-	-	-	-	-	-	-	-	

자료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

품목별 생산량(2)
Production by Country & Fiber(2)

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Acrylic				합계 Total			
		2013	2014	2015	2016	2013	2014	2015	2016
구주 W,E Europe	베네룩스 Benelux	-	-	-	-	67	67	68	74
	프랑스 France	-	-	-	-	49	49	48	42
	독일 Germany	163	157	150	174	506	502	491	431
	아일랜드 Ireland	-	-	-	-	80	81	81	83
	이탈리아 Italy	-	-	-	-	216	214	216	208
	말타 Malta	-	-	-	-	6	7	6	13
	포르투갈 Portugal	49	47	47	47	51	49	49	49
	스페인 Spain	76	-	5	-	135	45	47	30
	스위스 Swiss	-	-	-	-	34	34	34	25
	터키 Turkey	283	282	276	283	796	803	829	861
	영국 U.K	-	-	-	-	19	19	18	19
	불가리아 Bulgaria	-	-	-	-	8	8	8	8
	체코 Czech	-	-	-	-	31	32	35	39
	슬로바키아 Slovakia	-	-	-	-	18	20	20	28
	구 유고 Yugo	-	-	-	-	-	-	-	-
	폴란드 Poland	-	-	-	-	26	23	16	17
	루마니아 Romania	-	-	-	-	39	43	44	54
	러시아 Russia	58	50	49	39	308	294	292	290
라트비아 Latvia	-	-	-	-	6	18	10	10	

5. 세계 합섬 국별/ World Synthetic Fiber

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Nylon				Polyester							
		2013	2014	2015	2016	Filament				Staple			
						2013	2014	2015	2016	2013	2014	2015	2016
미주 N.S Americas	캐나다 Canada	99	91	82	75	0	-	1	2	-	-	-	-
	미국 USA	602	604	558	566	617	638	650	646	654	653	633	635
	멕시코 Mexico	19	20	19	24	80	69	73	80	55	68	73	76
	온두라스 Honduras	-	-	-	-	-	-	-	-	20	22	21	24
	엘살바도르 El Salvador	-	-	-	-	18	18	16	17	-	-	-	-
	페루 Peru	0	-	0	0	7	7	-	2	2	2	2	2
	브라질 Brazil	57	56	46	31	76	85	69	64	63	62	84	104
	콜롬비아 Colombia	16	16	18	15	15	14	15	15	9	9	10	10
	에콰도르 Ecuador	0	-	0	0	0	-	-	-	-	-	-	-
	칠레 Chile	0	-	0	0	0	-	-	-	-	-	-	-
	베네수엘라 Venezuela	0	-	0	0	2	-	0	0	1	-	0	0
아르헨티나 Argentina	15	15	8	7	22	21	20	20	20	20	20	20	
아프리카 Africa	모로코 Morocco	0	-	0	0	15	15	15	15	0	-	0	0
	이집트 Egypt	0	-	0	0	8	8	7	10	20	20	21	29
	케냐 Kenya	0	-	0	0	0	-	0	0	0	-	0	0
	나이지리아 Nigeria	0	-	0	0	6	6	6	5	7	8	8	8
	남아프리카 S. Africa	0	-	0	0	4	4	4	4	17	18	18	16
대양주 Oceania	호주 Australia	-	-	3	3	2	3	3	2	0	-	0	0
세계계 World Total		4,266	4,763	4,446	5,332	27,230	34,452	35,966	37,954	14,816	15,034	15,574	16,033

자 료 : Fiber Organon June 2017, 일본섬유Hand Book, 각종 자료취합
Source : Fiber Organon June 2017, Handbook of JCFA and other papers

품목별 생산량(3)
Production by Country & Fiber(3)

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region		Acrylic				합계 Total			
		2013	2014	2015	2016	2013	2014	2015	2016
미주 N.S Americas	캐나다 Canada	-	-	-	-	99	99	83	77
	미국 USA	-	-	-	-	1,864	1,219	1,841	1,847
	멕시코 Mexico	52	46	51	41	206	151	216	221
	온두라스 Honduras					20	22	21	24
	엘살비도르 El Salvador					18	18	16	17
	페루 Peru	34	34	33	22	43	41	35	26
	브라질 Brazil	16	-	-	-	212	149	199	199
	콜롬비아 Colombia	-	-	-	-	40	31	43	40
	에콰도르 Ecuador	-	-	-	-	-	-	-	-
	칠레 Chile	-	-	-	-	-	-	-	-
	베네수엘라 Venezuela	-	-	-	-	3	2	-	-
아르헨티나 Argentina	-	-	-	-	57	37	48	47	
이프리카 Africa	모로코 Morocco	-	-	-	-	15	15	15	15
	이집트 Egypt	24	49	-	-	52	32	28	39
	케냐 Kenya	-	-	-	-	-	-	-	-
	나이지리아 Nigeria	-	-	-	-	13	6	14	13
	남아프리카 S. Africa	-	-	-	-	21	4	22	20
대양주 Oceania	호주 Australia	-	-	-	-	2	2	6	5
세계계 World Total		2,004	1,865	1,826	1,826	48,376	33,560	57,800	61,145

6. 세계 주요국/지역 Olefin섬유 생산 실적 및 생산능력 World Olefin Fiber Production & Capacity by Country

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	품종 Items	2014	2015	2016	가동률('16) Operationrate	생산능력Capacity	
						2016,3	2017,12
한국 Korea	F	57	55	55	73,3	75	75
	S	16	16	16	64,0	25	25
	합계	73	71	71	71,0	100	100
서구 W. Europe	F	214	213	225	61,1	350	342
	S	286	286	297	78,4	365	365
	합계	499	499	522	69,9	715	707
동구 E. Europe	F	54	50	56	65,4	78	78
	S	48	43	45	69,4	62	63
	합계	102	93	101	67,1	140	141
미국 USA	F	197	183	177	78,3	235	235
	S	148	129	148	68,6	185	185
	합계	345	312	325	74,0	420	420
캐나다 Canada	F	28	24	22	69,4	36	36
	S	41	37	33	82,5	40	40
	합계	69	61	55	76,3	76	76
멕시코 Mexico	F	15	17	14	62,5	24	24
	S	14	16	18	77,3	22	22
	합계	29	33	32	69,6	46	46
남미 S. America	F	71	72	69	60,4	111	111
	S	42	39	40	64,4	59	63
	합계	113	111	109	61,8	170	174
일본 Japan	F	82	81	81	78,3	106	106
	S	56	54	60	95,0	60	60
	합계	138	135	141	84,3	166	166
대만 Taiwan	F	68	66	70	64,8	105	105
	S	13	12	18	60,0	25	25
	합계	81	78	88	63,8	130	130
중국 China	F	268	265	303	60,0	432	466
	S	71	71	96	49,3	152	174
	합계	339	336	399	57,2	584	640
터키 Turkey	F	364	369	373	84,3	440	440
	S	37	35	48	58,2	67	67
	합계	401	404	421	80,9	507	507
인도 India	F	32	31	36	63,5	52	52
	S	7	7	47	13,3	60	60
	합계	39	38	83	36,6	112	112
기타아시아 Other Asia	F	95	98	100	71,2	139	137
	S	17	16	25	48,5	33	35
	합계	112	114	125	66,9	172	172
기타 Other	F	187	181	192	75,7	251	263
	S	67	73	94	54,9	133	236
	합계	254	254	286	68,5	384	499
세계계	F	1,732	1,705	1,772	70,4	2,434	2,470
	S	862	834	985	65,5	1,288	1,420
World Total	합계	2,594	2,539	2,757	68,7	3,722	3,890

자료 : Fiber Organon June 2017

F includes Multi, Monofilament & Spunbond Yarn(Excludes melt-blown)

S includes Staple & Tow(Excludes Cigarette Tow)

7. 세계 담배필터용 Acetate Tow 생산 실적 World Production of Acetate Cigarette Tow

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
서구/동구 W.E Europe (Belgium, CIS, Germany, UK)	170 (△1.7)	166 (△2.4)	165 (△0.6)	169 (2.4)	172 (1.8)	176 (2.3)	172 (△2.3)	157 (△10.8)	136 (△19.0)	120 (△23.6)
미주 mericas SA, Brazil, Canada, Mexico, enezuela)	304 (△2.6)	308 (1.3)	314 (1.9)	307 (△2.2)	298 (△2.9)	299 (0.3)	298 (△0.3)	295 (△1.3)	283 (△5.0)	259 (△12.2)
중국 China	108 (5.9)	203 (88.0)	284 (39.9)	292 (2.8)	294 (0.7)	318 (8.2)	370 (16.4)	369 (16.0)	364 (△1.6)	337 (△8.7)
기타아시아 Other Asia (Japan, S.Korea)	97 (4.3)	110 (13.4)	110 (0.0)	126 (14.5)	132 (4.8)	136 (3.0)	135 (△0.7)	139 (2.2)	132 (△2.2)	129 (△7.2)
세계계 World Total	679 (△0.1)	787 (15.9)	873 (10.9)	894 (2.4)	896 (0.2)	929 (3.7)	975 (5.0)	958 (3.1)	915 (△5.8)	845 (△12.0)

8. 세계 주요국 면화 생산량 World Cotton Production by Country

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	'11/ '12	'12/ '13	'13/ '14	'14/ '15	'15/ '16	'16/ '17
중국 China	7,600 (2.7)	7,000 (△7.9)	6,600 (△5.7)	5,200 (△21.2)	4,900 (△5.8)	5,246 (7.1)
미국 USA	3,770 (11.2)	2,811 (△25.4)	3,553 (26.4)	2,806 (△21.0)	3,738 (33.2)	4,468 (19.5)
인도 India	6,290 (0.8)	6,766 (7.6)	6,562 (△3.0)	5,746 (△12.4)	5,775 (0.5)	6,033 (4.5)
파키스탄 Pakistan	2,002 (△13.4)	2,076 (3.7)	2,305 (11.0)	1,537 (△33.3)	1,663 (8.2)	1,952 (17.4)
브라질 Brazil	1,310 (△30.2)	1,734 (32.4)	1,563 (△9.9)	1,289 (△17.5)	1,523 (18.2)	1,568 (3.0)
우즈베키스탄 Uzbekistan	1,000 (13.6)	910 (△9.0)	885 (△2.7)	832 (△6.0)	789 (△5.2)	800 (1.4)
터키 Turkey	745 (△10.0)	688 (△7.7)	720 (4.7)	640 (△11.1)	703 (9.8)	792 (12.7)
그리스 Greece	248 (△11.4)	296 (19.4)	273 (△7.8)	218 (△20.1)	213 (△2.3)	250 (17.4)
호주 Australia	1,018 (△16.9)	885 (△13.1)	528 (△40.3)	629 (19.1)	960 (52.6)	997 (3.9)
아르헨티나 Argentina	157 (△25.2)	302 (92.4)	227 (△24.8)	214 (△5.7)	189 (△11.7)	158 (△16.4)
멕시코 Mexico	231 (△15.7)	193 (△16.5)	287 (48.7)	198 (△31.0)	166 (△16.2)	228 (37.3)
투르크메니스탄 Turkmenistan	370 (12.1)	337 (△8.9)	333 (△1.2)	295 (△11.4)	296 (0.3)	304 (2.7)
미얀마 Myanmar	105 -	124 (18.1)	168 (35.5)	104 (△38.1)	174 (67.3)	196 (12.6)
세계계 World Total	27,079 (△2.7)	26,225 (△3.2)	26,269 (0.2)	21,484 (△18.2)	23,066 (7.4)	25,137 (9.0)

자료 : ICAC(Cotton:World Statistics)
 주 : 1. 각년도는 8월1 일에 시작하는 1년
 2. 지역계에는 기타국가포함
 3. 하단 ()는 전년비 증감률

Note : 1. Each Year starts from 1, August
 2. The figure of total includes other country
 3. () means the increased rate to the previous year

9. 구주의 주요 합섬별 중간소비량 European Mill Consumption By Synthetic Fibers

(단위 : 천톤, 1,000Ton)

국가/지역 Country & Region	년도 Year	나일론 Nylon	폴리 에스터 Polyester	아크릴 Acrylic	기타 합섬 Other Synthetic	합섬계 SyntheticTotal
서구 W. Europe	2013	292 (△7.0)	1,231 (6.3)	68 (4.6)	607 (△2.1)	2,247 (4.5)
	2014	302 (3.4)	1,287 (4.5)	65 (△4.4)	634 (4.4)	2,288 (1.8)
	2015	298 (△1.3)	1,299 (0.9)	72 (10.8)	636 (0.3)	2,305 (0.7)
	2016	299 (0.3)	1,349 (3.8)	- -	711 (11.8)	2,359 (2.3)
동구 E. Europe	2013	70 (0.0)	235 (11.4)	34 (3.0)	66 (1.5)	405 (6.9)
	2014	72 (2.9)	276 (17.4)	36 (5.9)	59 (△10.6)	443 (9.4)
	2015	68 (△5.6)	289 (4.7)	35 (△2.8)	59 (0.0)	451 (1.8)
	2016	73 (7.4)	326 (12.8)	- -	101 (71.2)	500 (10.9)
터키 Turkey	2013	81 (19.1)	989 (4.3)	286 (4.4)	223 (△9.3)	1,579 (2.8)
	2014	83 (2.5)	1,126 (13.9)	293 (2.4)	224 (0.4)	1,726 (9.3)
	2015	79 (△4.8)	1,085 (△3.6)	275 (△6.1)	256 (14.3)	1,695 (△1.8)
	2016	83 (5.1)	1,115 (2.8)	- -	556 (117.2)	1,754 (3.5)
CIS 독립국가연합	2013	66 (△12.0)	261 (△8.4)	20 (△16.7)	25 (△19.4)	372 (△10.4)
	2014	59 (△10.6)	257 (△1.5)	19 (△5.0)	19 (△24.0)	354 (△4.8)
	2015	52 (△11.9)	243 (△5.4)	21 (10.5)	20 (5.3)	336 (△5.1)
	2016	57 (9.6)	262 (7.8)	- -	43 (115.)	362 (7.7)
합계 Total	2013	509 (△3.4)	2,716 (4.4)	408 (3.0)	921 (△4.3)	4,554 (1.7)
	2014	516 (1.4)	2,946 (8.5)	413 (1.2)	936 (1.6)	4,811 (5.6)
	2015	497 (△3.7)	2,916 (△1.0)	403 (△2.4)	971 (3.7)	4,787 (△0.5)
	2016	512 (3.0)	3,052 (4.7)	- -	1,411 (45.3)	4,975 (3.9)

Source : CIRFS

10. 미국의 최종 용도별 섬유소비 U.S.A. Fiber Consumption by Usage

(단위 : 100만Pound)

구분 Description	년도 Year	셀룰로스 섬유 Cellulose				합섬섬유 Synthetic				합계 Total
		장섬유 Filament		단섬유 Staple Fiber		장섬유 Filament		단섬유 Staple Fiber		
		비중 Share	비중 Share	비중 Share	비중 Share	비중 Share	비중 Share	비중 Share		
의류용 Apparel	2012	15	1,4	13	1,9	314	34,9	534	61,8	876
	2013	14	1,6	15	1,7	316	35,8	537	60,9	882
	2014	15	1,7	15	1,7	294	34,2	536	64,0	860
	2015	13	1,5	17	2,0	288	34,5	517	64,0	835
	2016	12	1,3	14	1,7	281	35,0	498	64,0	805
가정용 Home Textiles	2012	1	0,3	8	2,0	161	40,7	226	57,1	396
	2013	2	0,5	8	2,0	164	40,4	232	57,1	406
	2014	2	0,5	6	1,4	174	40,9	243	57,2	425
	2015	2	0,4	7	1,5	192	42,1	255	55,9	456
	2016	3	0,6	8	1,6	203	43,0	259	54,8	472
바닥재 Floor Coverings	2012	-	-	-	-	2,272	86,3	338	13,7	2,610
	2013	-	-	-	-	2,393	87,7	337	12,3	2,730
	2014	-	-	-	-	2,375	87,7	334	12,3	2,709
	2015	-	-	-	-	2,430	88,7	310	11,3	2,740
	2016					2,397	87,8	332	12,2	2,729
산업 기타소재 Industrial & Other Materials	2012	3	0,1	114	3,2	1,583	40,8	2,050	55,9	3,750
	2013	2	0,1	109	2,9	1,625	43,0	2,047	54,1	3,783
	2014	3	0,1	121	3,1	1,647	41,7	2,182	55,2	3,953
	2015	4	0,1	127	3,1	1,667	40,1	2,361	56,8	4,159
	2016	4	0,1	130	3,0	1,682	38,9	2,509	58,0	4,325
최종소비량 Total End Use Consumption	2012	20	0,2	136	1,8	4,329	56,6	3,149	41,4	7,634
	2013	19	0,2	132	1,7	4,497	57,7	3,152	40,4	7,800
	2014	20	0,3	142	1,8	4,491	56,5	3,294	42,2	7,947
	2015	19	0,2	151	1,9	4,577	55,9	3,443	44,1	8,190
	2016	18	0,2	151	1,9	4,563	54,8	3,597	46,1	8,329

11. 주요국/지역별 섬유소비량 World Fiber Consumption by Country/Region

(단위 : kg/人)

구분 Description	화학섬유 Manmade Fiber				면 Cotton				모 Wool				합계 Total			
	2012	2013	2014	2015	2012	2013	2014	2015	2012	2013	2014	2015	2012	2013	2014	2015
북미 N. America	21.5	22.1	23.4	24.7	13.1	13.4	13.3	13.	0.4	0.4	0.4	0.5	35.0	35.9	37.1	39.0
중남미 Latin America	4.8	4.8	4.9	4.8	3.8	3.9	3.8	3.7	0.1	0.1	0.1	-	8.7	8.8	8.8	8.5
서유럽 W. Europe	14.1	15.0	16.0	16.1	5.6	6.0	6.3	6.1	0.5	0.5	0.5	0.5	20.2	21.5	22.8	22.7
동유럽 E. Europe	8.4	8.6	8.6	8.3	4.0	4.3	4.1	3.9	0.2	0.2	0.2	0.2	12.6	13.1	12.9	12.4
터키 Turkey	10.3	9.5	9.4	8.0	4.1	5.2	4.6	3.7	0.4	0.2	0.1	0.1	14.8	14.9	14.1	11.8
아프리카/중동 Africa/M. East	3.0	3.1	3.2	3.4	1.3	1.3	1.3	1.3	0.1	0.1	0.1	0.1	4.4	4.5	4.6	4.8
호주/아시아 Austra/Asia	16.8	17.4	18.7	18.9	8.7	8.7	8.6	8.8	1.8	1.8	1.8	1.8	27.3	27.9	29.1	29.5
남. 아시아 S. Asia	3.6	4.1	4.1	4.3	3.0	3.1	3.1	2.7	0.1	0.1	0.1	-	6.7	7.3	7.2	7.0
인도 India	2.8	2.8	2.9	3.0	2.4	2.4	2.3	2.2	-	0.1	0.1	0.1	5.2	5.3	5.3	5.3
중국 China	12.1	12.8	12.1	12.6	1.8	1.5	1.8	2.3	0.1	0.2	0.2	0.2	14.0	14.5	14.1	15.1
한국 S. Korea	15.2	17.3	18.7	18.7	6.4	7.3	7.0	8.0	0.4	0.4	0.4	0.5	21.8	25.0	26.1	27.2
대만 Taiwan	16.5	17.7	15.5	16.3	4.7	4.5	4.8	5.4	0.3	0.2	0.3	0.3	21.5	22.4	20.6	22.0
일본 Japan	13.5	13.5	13.7	13.4	7.1	6.9	6.7	6.7	0.5	0.5	0.5	0.5	21.1	20.9	20.9	20.6
세계계 World Total	7.3	7.6	7.7	7.8	3.3	3.3	3.3	3.3	0.2	0.2	0.2	0.2	10.8	11.1	11.2	11.3

12. 세계 합섬생산 추이

The Production Trend of World Chemical Fiber

(단위 : 천톤, 1,000Ton)

년도 Year	Polyester			Nylon			Acrylic	화섬계 C. Fiber
	F	SF	합계 Total	F	SF	합계 Total		
2004	14,086 (7.6)	10,060 (8.0)	24,146 (7.8)	3,554 (1.7)	439 (△2.3)	3,993 (1.2)	2,815 (4.5)	33,925 (6.9)
2005	15,498 (10.0)	10,969 (9.0)	26,467 (9.6)	3,485 (△1.9)	397 (△9.6)	3,882 (△2.8)	2,692 (△4.4)	31,863 (△6.1)
2006	16,646 (△7.4)	11,481 (4.7)	28,127 (6.3)	3,544 (1.7)	369 (△7.1)	3,913 (0.8)	2,517 (△6.5)	35,103 (10.2)
2007	18,957 (13.9)	12,779 (8.4)	31,406 (11.7)	3,618 (2.1)	352 (△4.63)	3,970 (1.4)	2,402 (△4.6)	41,546 (10.1)
2008	18,658 (△1.6)	11,925 (△4.2)	30,583 (△2.6)	3,404 (△5.9)	273 (△22.5)	3,677 (△7.4)	1,872 (△22.1)	39,528 (△4.9)
2009	20,258 (8.6)	12,640 (6.0)	32,898 (7.6)	3,362 (△1.2)	225 (△17.5)	3,587 (△2.4)	1,960 (4.7)	42,088 (6.5)
2010	23,723 (17.1)	13,473 (6.6)	37,196 (13.1)	3,639 (8.2)	187 (△16.8)	3,826 (6.7)	1,958 (△0.1)	47,092 (11.9)
2011	26,375 (11.2)	14,220 (5.5)	40,595 (9.1)	3,705 (1.8)	169 (△9.7)	3,874 (1.3)	1,990 (1.6)	50,984 (8.3)
2012	29,431 (11.6)	15,041 (5.8)	44,472 (9.6)	3,902 (5.3)	164 (△3.0)	4,066 (5.0)	1,937 (△2.7)	55,662 (9.2)
2013	31,900 (8.4)	15,464 (2.8)	47,364 (6.5)	4,182 (7.2)	167 (1.7)	4,349 (7.0)	1,899 (△2.0)	59,393 (6.7)
2014	34,341 (7.7)	15,441 (△0.1)	49,782 (5.1)	4,331 (3.6)	168 (0.6)	4,499 (3.4)	1,792 (△5.6)	62,102 (4.6)
2015	36,170 (5.3)	15,941 (3.2)	52,111 (4.7)	4,321 (△0.2)	182 (8.3)	4,503 (0.1)	1,799 (0.4)	64,627 (4.1)
2016	36,192 (5.4)	16,206 (5.0)	52,398 (5.3)	4,593 (6.0)	192 (14.3)	4,785 (6.4)	1,696 (△5.4)	64,981 (4.6)
2017(p)	37,165 (2.8)	16,602 (4.1)	53,767 (3.2)	4,729 (9.4)	197 (8.2)	4,926 (9.4)	1,611 (△10.5)	66,936 (3.6)

자료 : Fiber Organon 및 각종 자료취합

- 주 : 1. Acrylic은 F 포함
 2. 하단 ()는 전년비 증감률
 3. Olefin섬유제외

Source : Fiber Organon and other papers

- Note : 1. Acrylic includes Filament
 2. () means the increased rate to the previous year
 3. Excluding Olefin

13. 중국 화섬 품목별 생산 추이

The Production Trend of China Chemical Fiber

(단위 : 천톤, 1,000Ton)

년도 Year	Nylon	Polyester			Acrylic	합섬계 S, Fiber	Rayon	화섬계 C, Fiber
		F	SF	합계 Total				
2004	616 (9.0)	6,793 (18.3)	4,199 (16.9)	10,992 (17.8)	793 (26.1)	13,140 (19.3)	966 (20.8)	14,245 (20.6)
2005	717 (16.4)	7,848 (15.5)	4,853 (15.6)	12,701 (15.5)	865 (9.1)	15,003 (14.2)	1,108 (22.2)	16,292 (14.4)
2006	852 (18.8)	9,913 (26.3)	6,133 (26.4)	16,046 (26.3)	839 (Δ 3.0)	18,603 (24.0)	1,435 (21.6)	20,255 (24.3)
2007	951 (11.6)	12,177 (22.8)	7,000 (14.1)	19,177 (19.5)	822 (Δ 2.0)	22,018 (18.4)	1,543 (7.5)	23,889 (17.9)
2008	1,017 (6.9)	12,829 (5.4)	7,216 (3.1)	20,045 (4.5)	604 (Δ 26.5)	22,413 (1.8)	1,319 (Δ 14.5)	24,046 (0.7)
2009	1,448 (42.4)	14,046 (9.5)	7,561 (4.8)	21,607 (7.8)	692 (14.6)	24,940 (11.3)	1,512 (14.6)	26,452 (10.0)
2010	1,448 (Δ 0.0)	16,701 (8.9)	8,432 (11.5)	25,133 (16.3)	679 (Δ 1.9)	27,260 (9.3)	1,835 (21.4)	29,095 (10.0)
2011	1,591 (9.9)	19,128 (14.5)	8,821 (4.6)	27,949 (11.2)	700 (3.1)	30,240 (10.9)	2,067 (12.6)	32,307 (11.0)
2012	1,815 (14.1)	21,552 (12.7)	9,018 (2.2)	30,570 (9.4)	693 (Δ 1.0)	33,078 (9.4)	2,733 (32.2)	35,811 (10.8)
2013	2,113 (16.4)	23,895 (10.9)	9,511 (5.5)	33,406 (9.3)	694 (0.1)	36,213 (9.5)	3,144 (15.0)	39,357 (9.9)
2014	2,370 (12.2)	26,467 (10.8)	9,343 (Δ 1.8)	35,810 (7.2)	677 (Δ 2.4)	38,857 (7.3)	3,280 (4.3)	42,137 (7.1)
2015	2,999 (26.5)	29,788 (12.5)	9,830 (5.2)	39,618 (10.6)	730 (7.8)	43,347 (11.6)	3,428 (4.5)	46,775 (11.0)
2016	2,697 (13.8)	28,310 (7.0)	9,772 (4.6)	38,082 (6.3)	702 (3.7)	41,481 (6.8)	3,529 (7.6)	45,010 (6.8)
2017(p)	2,825 (4.7)	28,964 (2.3)	10,261 (5.0)	39,225 (3.0)	584 (Δ 16.8)	43,541 (5.0)	3,599 (2.0)	47,140 (4.7)

자료 : Fiber Organon 및 각종 자료취합
 주 : 1. Acrylic은 F 포함
 2. 하단 ()는 전년비 증감률
 3. Olefin섬유제외

Source : Fiber Organon and other papers

Note : 1. Acrylic includes Filament
 2. () means the increased rate to the previous year
 3. Excluding Olefin

14. 대만 화섬생산 추이

The Production Trend of Taiwan Chemical Fiber

(단위 : 천톤, 1,000Ton)

년도 Year	Polyester			Nylon			Acrylic	합섬계 S,Fiber	Rayon	화섬계 C. Fiber
	F	SF	합계 Total	F	SF	합계 Total				
2004	1,494 (Δ0,8)	841 (Δ3,8)	2,334 (Δ1,9)	455 (5,5)	1,0 (0,0)	456 (5,5)	153 (12,3)	3,062 (0,4)	134 (10,5)	3,077 (0,3)
2005	1,275 (Δ14,6)	732 (Δ13,0)	2,007 (Δ14,0)	416 (Δ8,6)	1,0 (0,0)	417 (Δ8,6)	140 (Δ8,6)	2,580 (Δ15,7)	114 (Δ14,6)	2,678 (Δ13,0)
2006	1,185 (Δ7,0)	613 (Δ16,3)	1,798 (Δ10,4)	414 (Δ0,3)	1,0 (0,0)	415 (Δ0,3)	149 (6,9)	2,472 (Δ5,9)	132 (15,6)	2,495 (Δ6,8)
2007	1,223 (3,2)	550 (Δ10,2)	1,774 (Δ1,4)	384 (Δ7,3)	1,0 (0,0)	385 (Δ7,3)	137 (Δ8,4)	2,328 (Δ4,1)	136 (2,9)	2,431 (Δ2,6)
2008	1,012 (Δ36,1)	476 (Δ49,3)	1,488 (Δ41,0)	301 (1,8)	1,0 (Δ33,3)	302 (1,6)	84 (Δ11,9)	1,874 (Δ18,4)	105 (Δ27,1)	1,978 (Δ35,3)
2009	987 (Δ2,5)	570 (19,7)	1,557 (4,6)	352 (16,9)	5,7 (470,0)	358 (18,4)	112 (32,7)	2,021 (7,8)	108 (2,9)	2,058 (4,0)
2010	1,111 (12,6)	578 (1,4)	1,689 (8,5)	359 (2,0)	0,5 (Δ16,7)	360 (2,0)	102 (Δ8,5)	2,151 (6,4)	97 (Δ10,2)	2,249 (9,3)
2011	1,033 (Δ7,0)	536 (Δ7,3)	1,569 (Δ7,1)	310 (Δ13,6)	0,3 (Δ40,0)	310 (Δ13,7)	94 (Δ7,8)	1,973 (Δ8,2)	82 (Δ15,5)	2,054 (Δ8,7)
2012	922 (Δ10,7)	555 (3,5)	1,477 (Δ5,9)	320 (3,2)	0,4 (33,3)	320 (3,3)	68 (Δ27,7)	1,865 (Δ5,5)	98 (19,5)	1,964 (Δ4,4)
2013	923 (0,1)	538 (Δ3,1)	1,461 (Δ1,1)	315 (Δ1,6)	0,4 (0,0)	315 (Δ1,6)	68 (0,0)	1,844 (Δ1,1)	119 (21,4)	1,963 (Δ0,0)
2014	919 (Δ0,4)	529 (Δ1,7)	1,448 (Δ0,9)	307 (Δ2,5)	0,4 (0,0)	307 (Δ2,5)	61 (Δ10,3)	1,816 (Δ1,5)	125 (5,0)	1,941 (Δ1,1)
2015	915 (Δ0,4)	513 (Δ3,0)	1,428 (Δ1,4)	285 (Δ7,2)	0,4 (0,0)	285 (Δ7,2)	55 (Δ9,8)	1,762 (Δ2,6)	126 (0,8)	1,894 (Δ2,4)
2016	872 (Δ5,1)	543 (2,6)	1,415 (Δ2,3)	300 (Δ2,3)	0,4 (0,0)	300 (Δ2,3)	61 (0,0)	1,776 (Δ2,2)	126 (0,8)	1,902 (Δ2,0)
2017(p)	788 (Δ9,6)	536 (Δ1,3)	1,324 (Δ6,4)	295 (Δ1,7)	0,4 (0,0)	295 (Δ1,8)	31 (Δ49,2)	1,650 (Δ7,1)	63 (Δ50,0)	1,713 (Δ10,0)

자료 : 1. 대만화섬협회편람 2017
2. Fiber Organon June 2017 및 각종 자료취합

Source : 1. Chemical Fiber Handbook of TMMFA 2017
2. Fiber Organon June 2017 and other papers

15. 일본 합섬생산 추이

The Production Trend of Japan Synthetic Fiber

(단위 : 천톤, 1,000Ton)

년도 Year	Polyester			Nylon			Acrylic	합섬계 S.Fiber
	F	SF	합계 Total	F	SF	합계 Total		
2004	295 (△8.7)	233 (△3.3)	528 (△6.4)	121 (△4.0)	6 -	127 (△3.8)	298 (△16.8)	1,157 (△7.7)
2005	298 (1.0)	222 (△4.7)	520 (△1.5)	121 (0.0)	6 -	127 (0.0)	267 (△10.4)	1,118 (△3.4)
2006	270 (△4.3)	213 (△0.5)	483 (△2.6)	117 (△0.8)	6 -	123 (△0.8)	243 (△6.9)	1,060 (△2.8)
2007	261 (△3.3)	204 (△4.2)	465 (△3.7)	116 (△0.9)	6 -	122 (△0.8)	236 (△2.9)	1,034 (△2.5)
2008	244 (△6.5)	191 (△6.4)	435 (△6.5)	112 (△3.4)	2 (△61.7)	114 (△6.3)	145 (△38.6)	1,070 (3.5)
2009	163 (△33.2)	146 (△23.6)	309 (△29.0)	73 (△34.8)	1 (△43.5)	74 (△35.0)	124 (△14.5)	835 (△22.0)
2010	188 (15.3)	158 (8.2)	346 (12.0)	93 (27.4)	- -	93 (25.2)	142 (14.1)	998 (19.5)
2011	181 (△3.7)	157 (△0.6)	338 (△2.3)	95 (2.2)	- -	95 (2.2)	152 (7.4)	1,022 (2.4)
2012	167 (△7.7)	152 (△3.2)	318 (△5.9)	98 (3.2)	- -	99 (4.2)	140 (△7.9)	980 (0.0)
2013	151 (△9.6)	143 (△5.9)	294 (△7.5)	95 (△3.1)	- -	95 (△4.0)	147 (5.0)	980 (0.0)
2014	135 (△10.6)	148 (3.5)	283 (△3.7)	98 (3.2)	- -	98 (3.2)	141 (△4.1)	976 (△0.4)
2015	127 (△5.9)	134 (△9.5)	261 (△7.8)	89 (△9.2)	- -	89 (△9.2)	142 (0.7)	960 (△1.6)
2016	124 (△8.1)	111 (△25.0)	235 (△17.0)	90 (△8.2)	- -	90 (△8.2)	128 (△9.2)	906 (△7.2)
2017(p)	121 (△2.4)	93 (△16.2)	214 (△8.9)	98 (8.9)	- -	98 (8.9)	120 (△6.3)	892 (△1.5)

자료 : Fiber Organon 및 각종 자료취합
주 : 하단 ()는 전년비 증감률

Source : Fiber Organon and other papers
() means the increased rate to the previous year

16. 미국 합섬생산 추이

The Production Trend of U.S.A Synthetic Fiber

(단위 : 천톤, 1,000Ton)

년도 Year	Polyester			Nylon			Acrylic	합섬계 S.Fiber
	F	SF	합계 Total	F	SF	합계 Total		
2004	529 (1.9)	936 (9.5)	1,465 (7.8)	833 (4.3)	308 (△2.5)	1,141 (3.7)	100 (△13.0)	2,706 (1.5)
2005	450 (△14.9)	933 (△0.3)	1,383 (△5.6)	786 (△5.6)	290 (△5.8)	1,076 (△5.7)	58 (△42.0)	2,627 (△2.9)
2006	413 (△8.2)	843 (△9.6)	1,256 (△9.2)	779 (△0.9)	286 (△1.4)	1,065 (△1.0)	4 (△93.1)	2,438 (△7.2)
2007	460 (11.4)	782 (△7.2)	1,242 (△1.1)	742 (△4.7)	198 (△30.8)	940 (△11.7)	3 (△25.0)	2,218 (△9.0)
2008	413 (△10.2)	646 (△17.4)	1,059 (△14.7)	617 (△16.8)	125 (△36.9)	742 (△21.1)	- -	1,939 (△12.6)
2009	380 (△8.1)	528 (△18.3)	907 (△14.3)	511 (△17.1)	81 (△35.4)	592 (△20.2)	- -	1,618 (△16.5)
2010	504 (32.8)	594 (12.6)	1,098 (21.0)	573 (12.0)	43 (△46.6)	616 (4.1)	- -	1,848 (14.2)
2011	514 (2.0)	580 (△2.4)	1,094 (△0.4)	559 (△2.4)	33 (△23.2)	592 (△20.2)	- -	1,819 (△1.6)
2012	564 (9.7)	639 (10.2)	1,203 (10.0)	530 (△5.2)	31 (△6.3)	561 (△5.3)	- -	1,905 (4.7)
2013	617 (9.4)	645 (1.0)	1,262 (4.9)	565 (6.6)	32 (3.2)	597 (6.4)	- -	1,991 (4.5)
2014	637 (3.2)	653 (1.2)	1,290 (2.2)	571 (1.1)	33 (3.1)	604 (1.2)	- -	2,035 (2.2)
2015	650 (2.0)	633 (△3.1)	1,283 (△0.5)	525 (△8.1)	32 (△3.0)	557 (△7.8)	- -	1,974 (△3.0)
2016	640 (△1.5)	640 (1.1)	1,280 (△0.2)	534 (1.7)	38 (18.8)	572 (2.7)	- -	1,973 (△0.1)
2017(p)	650 (1.6)	667 (4.2)	1,317 (2.9)	504 (△5.6)	35 (△7.9)	539 (△5.8)	- -	1,984 (0.6)

자료 : Fiber Organon 및 각종 자료취합
주 : 하단 () 는 전년비 증감률

Source : Fiber Organon and other papers
Note : () means the increased rate to the previous year

17. 세계 주요국/지역의 화섬 품목별 수출입량(1)

World Syn. F Exports & Imports by Country/Region(1)

◇ 수출 Export
(Polyester F)

(단위 : 천톤, 1,000Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	196,507 (△0.4)	206,954 (5.3)	215,037 (3.9)	226,003 (5.1)	218,655 (△3.3)	261,254 (19.5)	220,866 (△15.5)	227,581 (3.0)
일본 Japan	24,115 (△34.1)	26,943 (11.7)	27,967 (3.8)	24,168 (△13.6)	19,849 (△17.9)	17,846 (△10.1)	15,908 (△10.9)	15,418 (△3.1)
미국 USA	46,605 (△33.8)	60,699 (30.2)	57,534 (△5.2)	60,738 (5.6)	59,392 (△2.2)	66,631 (12.2)	71,321 (7.0)	67,660 (△5.1)
브라질 Brazil	5,854 (194.3)	8,165 (39.5)	5,964 (△27.0)	5,820 (△2.4)	2,547 (△56.2)	1,645 (△35.4)	1,633 (△0.7)	2,405 (47.3)
EU28	25,212 (△45.5)	30,930 (22.7)	35,877 (16.0)	37,621 (4.9)	32,153 (△14.5)	30,092 (△6.4)	33,498 (11.3)	37,527 (12.0)
대만 Taiwan	444,869 (6.6)	407,955 (△8.3)	388,174 (△4.8)	325,253 (△16.2)	289,356 (△11.0)	293,531 (1.4)	271,280 (△7.6)	287,663 (6.0)
홍콩 Hong Kong	26,335 (△7.4)	32,526 (23.5)	31,479 (△3.2)	21,565 (△31.5)	21,353 (△1.0)	18,949 (△11.3)	19,603 (3.5)	16,905 (△13.8)
중국 China	635,073 (△21.0)	822,517 (29.5)	959,000 (16.6)	1,095,223 (14.2)	1,308,463 (19.5)	1,593,352 (21.8)	1,711,538 (7.4)	2,002,559 (17.0)
인니 Indonesia	226,219 (1.9)	232,295 (2.7)	201,586 (△13.2)	169,034 (△16.1)	169,600 (0.3)	174,569 (2.9)	200,243 (14.7)	207,418 (3.6)
태국 Thailand	155,775 (33.0)	183,294 (17.7)	164,377 (△10.3)	123,173 (△25.1)	133,178 (8.1)	156,461 (17.5)	140,396 (△10.3)	168,334 (19.9)
말련 Malaysia	304,040 (33.2)	253,211 (△16.7)	248,919 (△1.7)	256,241 (2.9)	241,553 (△5.7)	264,595 (9.5)	270,471 (2.2)	238,674 (△11.8)
인도 India	168,629 (△28.6)	364,935 (116.4)	482,211 (32.1)	599,094 (24.2)	602,689 (0.6)	653,622 (8.5)	652,567 (△0.2)	690,914 (5.9)

자료 : UN 무역통계연보

주 : 1. EU28는 99년부터 역외수출입
2. ()는 전년대 증감률

Source : The Yearly statistical book of U.N

Note : 1. EU28 include the export and import within its region after 1999

2. () means the increased rate to the previous year

17. 세계 주요국/지역의 화섬품목별 수출입량(2)

World Syn. F Exports & Imports by Country/Region(2)

◇ 수입 Import
(Polyester F)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	99,781 (△8.7)	158,351 (58.7)	164,439 (3.8)	147,810 (△10.1)	187,328 (26.7)	258,504 (38.0)	264,687 (2.4)	286,179 (8.1)
일본 Japan	69,395 (△33.2)	105,251 (51.7)	117,726 (11.9)	113,116 (△3.9)	113,116 (0.0)	127,174 (12.4)	130,423 (2.6)	132,055 (1.3)
미국 USA	119,063 (△24.2)	138,975 (16.7)	137,977 (△0.7)	162,922 (18.1)	174,484 (7.1)	202,278 (15.9)	228,388 (12.9)	231,199 (1.2)
브라질 Brazil	223,182 (△0.9)	204,104 (△8.5)	196,168 (△3.9)	222,889 (13.6)	227,624 (2.1)	227,638 (0.0)	189,608 (△16.7)	236,737 (24.9)
EU28	298,659 (△15.6)	402,826 (34.9)	414,122 (2.8)	390,522 (△5.7)	431,124 (10.4)	466,313 (8.2)	471,171 (1.0)	487,352 (3.4)
대만 Taiwan	5,610 (△39.5)	9,229 (64.5)	14,397 (56.0)	14,096 (△2.1)	17,155 (21.7)	21,675 (26.3)	25,673 (18.4)	23,489 (△8.5)
홍콩 Hong Kong	26,857 (△18.5)	31,712 (18.1)	27,874 (△12.1)	23,962 (△14.0)	23,426 (△2.2)	20,853 (△11.0)	20,890 (0.2)	18,183 (△13.0)
중국 China	173,680 (△4.0)	172,724 (△0.6)	161,954 (△6.2)	125,964 (△22.2)	116,545 (△7.5)	112,047 (△3.9)	110,750 (△1.2)	124,370 (12.3)
인니 Indonesia	33,030 (△7.9)	32,933 (△0.3)	47,965 (△45.6)	84,312 (75.8)	76,409 (△9.4)	93,478 (22.3)	85,345 (△8.7)	111,838 (31.0)
태국 Thailand	63,895 (3.3)	77,787 (21.7)	69,018 (△11.3)	82,477 (19.5)	75,744 (△8.2)	90,633 (19.7)	96,392 (6.4)	99,262 (3.0)
말련 Malaysia	7,387 (△56.6)	19,209 (160.0)	16,175 (△15.8)	15,981 (△1.2)	18,017 (12.7)	22,305 (23.8)	18,809 (△15.7)	19,582 (4.1)
인도 India	53,269 (△45.8)	35,221 (△33.9)	40,086 (13.8)	42,791 (6.7)	50,390 (17.8)	64,979 (29.0)	70,662 (8.7)	85,172 (20.5)

자 료 : UN 무역통계연보

주 : 1. EU28는 99년부터 역외수출입
2. ()는 전년비 증감률

Source : The Yearly statistical book of U.N

Note : 1. EU28 include the export and import within its region after 1999

2. () means the increased rate to the previous year

17. 세계 주요국/지역의 화섬품목별 수출입량(3)

World Syn. F Exports & Imports by Country/Region(3)

◇ 수출 Import
(Polyester F)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	559,716 (2.2)	611,850 (9.3)	597,062 (△2.4)	623,034 (4.3)	639,104 (2.6)	650,106 (1.7)	684,619 (5.3)	719,811 (5.1)
일본 Japan	36,722 (△3.3)	39,464 (7.5)	39,135 (△0.8)	34,414 (△12.1)	37,342 (8.5)	28,899 (△22.6)	23,305 (△19.4)	20,072 (△13.9)
미국 USA	48,462 (△38.3)	79,296 (63.6)	96,377 (21.5)	81,469 (△15.5)	80,754 (△0.9)	54,929 (△32.0)	40,158 (△26.9)	38,948 (△3.0)
브라질 Brazil	2,470 (△49.8)	4,505 (82.4)	2,893 (△35.8)	3,683 (27.3)	4,986 (35.4)	4,346 (△12.8)	3,988 (△8.2)	3,113 (△21.9)
EU28	10,990 (△10.4)	9,208 (△16.2)	15,067 (63.6)	24,058 (59.7)	18,020 (△25.1)	18,031 (0.1)	20,878 (15.8)	22,706 (8.8)
대만 Taiwan	402,985 (16.4)	421,777 (4.7)	373,673 (△11.4)	416,175 (11.4)	373,185 (△10.3)	373,498 (0.1)	364,104 (△2.5)	392,621 (7.8)
홍콩 Hong Kong	14,105 (10.3)	10,811 (△23.4)	8,989 (△16.9)	6,237 (△30.6)	5,849 (△6.2)	5,823 (△0.4)	3,864 (△33.6)	4,026 (4.2)
중국 China	406,089 (△12.3)	595,583 (46.7)	815,995 (37.0)	670,672 (△17.8)	733,779 (9.4)	891,033 (21.4)	957,909 (7.5)	1,020,228 (6.5)
인니 Indonesia	76,396 (△20.1)	67,625 (△11.5)	72,456 (7.1)	70,577 (△2.6)	48,862 (△30.8)	139,084 (184.6)	152,641 (9.7)	145,435 (△4.7)
태국 Thailand	195,875 (40.6)	209,880 (7.1)	196,596 (△6.3)	178,173 (△9.4)	201,984 (13.4)	204,223 (1.1)	252,952 (23.9)	261,787 (3.5)
인도 India	147,026 (△4.1)	163,783 (11.4)	166,412 (1.6)	167,871 (0.9)	196,907 (17.3)	196,043 (△0.4)	176,897 (△9.8)	207,888 (17.5)

자료 : UN 무역통계연보

주 : 1. EU28은 99년부터 역외수출입
2. ()는 전년비 증감률

17. 세계 주요국/지역의 화섬품목별 수출입량(4)

World Syn. F Exports & Imports by Country/Region(4)

◇ 수출 Import
(Polyester SF)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	3,507 (△22.0)	3,985 (13.6)	6,272 (57.4)	6,159 (△1.8)	10,581 (71.8)	16,014 (51.3)	18,048 (12.7)	20,464 (13.4)
일본 Japan	22,574 (△9.4)	28,373 (25.7)	31,283 (10.3)	26,339 (△15.8)	27,216 (3.3)	33,836 (24.3)	39,533 (16.8)	56,099 (41.9)
미국 USA	333,071 (△17.5)	381,077 (14.4)	345,904 (△9.2)	382,725 (10.6)	365,885 (△4.4)	407,998 (11.5)	484,724 (18.8)	503,075 (3.8)
브라질 Brazil	30,337 (△24.8)	39,201 (29.2)	49,457 (26.2)	43,807 (△11.4)	53,990 (23.2)	61,471 (13.9)	54,505 (△11.3)	66,580 (22.2)
EU28	386,366 (0.8)	470,225 (21.7)	517,298 (10.0)	500,997 (△3.2)	551,959 (10.2)	616,506 (11.7)	643,095 (4.3)	697,410 (8.4)
대만 Taiwan	5,037 (△12.3)	6,022 (19.6)	7,740 (28.5)	7,710 (△0.4)	7,645 (△0.8)	7,571 (△1.0)	7,664 (1.2)	9,457 (23.4)
홍콩 Hong Kong	14,568 (7.0)	12,087 (△17.0)	11,338 (△6.2)	8,209 (△27.6)	6,924 (△15.7)	6,071 (△12.3)	3,703 (△39.0)	3,370 (△9.0)
중국 China	151,444 (4.2)	142,994 (△5.6)	120,205 (△15.9)	112,367 (△6.5)	128,297 (14.2)	132,503 (3.3)	126,828 (△4.3)	123,688 (△2.5)
인니 Indonesia	46,497 (△29.9)	75,299 (61.9)	116,378 (54.6)	108,016 (△7.2)	135,937 (25.8)	131,942 (△2.9)	112,292 (△14.9)	154,328 (37.4)
태국 Thailand	54,590 (44.5)	42,498 (△22.2)	52,586 (23.7)	63,321 (20.4)	54,420 (△14.1)	61,114 (12.3)	53,940 (△11.7)	54,615 (1.3)
인도 India	16,699 (26.9)	21,049 (26.0)	52,750 (150.6)	26,959 (△48.9)	40,545 (50.4)	73,897 (82.3)	100,802 (36.4)	93,508 (△7.2)

자료 : UN 무역통계연보
주 : 1. EU28는 99년부터 역외수출입
2. ()는 전년비 증감률

Source : The Yearly statistical book of U.N

Note : 1. EU28 include the export and import within its region after 1999

2. () means the increased rate to the previous year

1
17. 세계 주요국/지역의 화섬품목별 수출입량(5)
World Syn. F Exports & Imports by Country/Region(5)

◇ 수출 Export
(Nylon F)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	65,036 (7.9)	66,293 (1.9)	59,767 (△9.8)	59,698 (△0.1)	52,105 (△12.7)	48,155 (△7.6)	47,318 (△1.7)	48,249 (2.0)
일본 Japan	16,698 (△27.2)	21,403 (28.2)	24,225 (13.2)	31,525 (30.1)	35,462 (12.5)	40,283 (13.6)	38,524 (△4.4)	39,465 (2.4)
미국 USA	41,886 (△34.6)	56,544 (35.0)	63,148 (11.7)	67,822 (7.4)	69,931 (3.1)	72,960 (4.3)	65,346 (△10.4)	64,811 (△0.8)
브라질 Brazil	7,076 (51.4)	8,248 (16.6)	9,731 (18.0)	9,318 (△4.2)	6,723 (△27.8)	5,572 (△17.1)	3,394 (△39.1)	3,035 (△10.6)
EU28	106,475 (0.9)	124,718 (17.1)	115,951 (△7.1)	102,963 (△11.2)	97,448 (△5.4)	93,713 (△3.8)	92,704 (△1.1)	78,996 (△14.8)
대만 Taiwan	131,547 (△20.4)	141,417 (7.5)	129,272 (△8.6)	138,686 (7.3)	145,523 (4.9)	155,894 (7.1)	133,007 (△14.7)	129,460 (△2.7)
홍콩 Hong Kong	44,511 (△26.1)	43,380 (△2.5)	36,574 (△15.7)	36,112 (△1.3)	30,987 (△14.2)	24,211 (△21.8)	17,958 (△25.8)	19,615 (9.2)
중국 China	117,362 (△0.8)	147,344 (25.5)	147,642 (0.2)	146,597 (△0.7)	155,637 (6.2)	175,840 (13.0)	186,418 (6.0)	222,030 (19.1)
인니 Indonesia	27,069 (△19.0)	36,150 (33.5)	29,881 (△17.3)	24,950 (△16.5)	26,821 (7.5)	26,470 (△1.3)	24,354 (△8.0)	24,063 (△1.2)
태국 Thailand	25,164 (△16.8)	28,666 (13.9)	23,978 (△16.4)	20,657 (△13.9)	20,717 (0.3)	23,365 (12.8)	25,339 (8.4)	26,984 (6.5)
인도 India	5,066 (△29.6)	8,402 (65.9)	6,712 (△20.1)	6,694 (△0.3)	5,329 (△20.4)	3,456 (△35.1)	2,046 (△40.8)	2,230 (9.0)

자료 : UN 무역통계연보
주 : 1. EU28는 99년부터 역외수출입
2. ()는 전년비 증감률

Source : The Yearly statistical book of U.N

Note : 1. EU28 include the export and import within its region after 1999

2. () means the increased rate to the previous year

17. 세계 주요국/지역의 화섬품목별 수출입량(6)

World Syn. F Exports & Imports by Country/Region(6)

◇ 수입 Import
(Nylon F)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	19,194 (△13.0)	26,616 (38.7)	30,168 (13.3)	29,950 (△0.7)	33,850 (13.0)	38,944 (15.0)	38,641 (△0.8)	39,427 (2.0)
중국 China	196,774 (0.5)	198,358 (0.8)	178,879 (△9.8)	173,619 (△2.9)	172,166 (△0.8)	152,511 (△11.4)	128,482 (△15.8)	123,546 (△3.8)
일본 Japan	19,921 (△27.1)	26,499 (33.0)	27,528 (3.9)	25,555 (△7.2)	25,970 (1.6)	30,658 (18.1)	33,817 (10.3)	31,956 (△5.5)
미국 USA	111,744 (△9.0)	138,531 (24.0)	127,746 (△7.8)	111,199 (△13.0)	108,938 (△2.0)	97,292 (△10.7)	95,653 (△1.7)	82,807 (△13.4)
브라질 Brazil	28,756 (△10.6)	50,517 (75.7)	49,128 (△2.7)	48,652 (△1.0)	53,818 (10.6)	66,734 (24.0)	51,923 (△22.2)	55,465 (6.8)
EU28	66,857 (△27.5)	82,889 (24.0)	89,682 (8.2)	77,026 (△14.1)	88,584 (15.0)	91,209 (3.0)	87,597 (△4.0)	100,242 (14.4)
대만 Taiwan	17,850 (△38.4)	30,519 (71.0)	30,043 (△1.6)	21,666 (△27.9)	22,630 (4.4)	20,348 (△10.1)	21,414 (5.2)	19,490 (△9.0)
홍콩 Hong Kong	46,348 (△28.4)	46,905 (1.2)	37,819 (△19.4)	35,613 (△5.8)	31,206 (△12.4)	24,169 (△22.6)	18,771 (△22.3)	20,610 (9.8)
인니 Indonesia	11,527 (7.4)	11,569 (0.4)	12,974 (12.1)	13,418 (3.4)	14,948 (11.4)	16,265 (8.8)	18,341 (12.8)	21,518 (17.3)
태국 Thailand	26,341 (△19.5)	35,859 (36.1)	33,149 (△7.6)	35,656 (7.6)	35,683 (0.1)	40,804 (14.4)	39,808 (△2.4)	38,874 (△2.3)
인도 India	22,966 (55.7)	34,997 (52.4)	37,998 (8.6)	41,631 (9.6)	41,757 (0.3)	40,064 (△4.1)	44,078 (10.0)	51,299 (16.4)

자 료 : UN 무역통계연보

주 : 1. EU28는 99년부터 역외수출입
2. ()는 전년비 증감률

Source : The Yearly statistical book of U.N

Note : 1. EU28 include the export and import within its region after 1999

2. () means the increased rate to the previous year

17. 세계 주요국/지역의 화섬품목별 수출입량(7)
World Syn. F Exports & Imports by Country/Region(7)

◇ 수출 Export
(Acrylic SF)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	31,739 (△4.1)	38,744 (22.1)	37,904 (△2.2)	36,293 (△4.3)	39,565 (9.0)	40,462 (2.3)	35,024 (△13.4)	49,202 (40.5)
일본 Japan	124,194 (△16.7)	142,429 (14.7)	148,611 (4.3)	142,667 (△4.0)	151,167 (6.0)	146,985 (△2.8)	156,776 (6.7)	139,691 (△10.9)
미국 USA	943 (△36.7)	1,203 (27.6)	1,430 (18.9)	1,646 (15.1)	1,539 (△6.5)	1,603 (4.2)	2,403 (49.9)	1,626 (△32.3)
브라질 Brazil	4,280 (△9.8)	6,174 (44.3)	5,605 (△9.2)	7,931 (41.5)	7,423 (△6.4)	841 (△88.7)	0 (0.0)	0 (0.0)
대만 Taiwan	98,626 (41.2)	85,019 (△13.8)	70,075 (△17.6)	55,930 (△20.2)	60,660 (8.5)	53,901 (△11.1)	46,080 (△14.5)	52,484 (13.9)
홍콩 Hong Kong	3,066 (△47.9)	3,361 (9.6)	3,484 (3.7)	2,251 (△35.4)	1,991 (△11.6)	1,611 (△19.1)	1,416 (△12.1)	1,288 (△9.0)
중국 China	5,107 (△49.1)	4,412 (△13.6)	4,053 (△8.1)	5,813 (43.4)	9,382 (61.4)	19,285 (105.6)	19,515 (1.2)	30,405 (55.8)
인니 Indonesia	6 (△66.7)	59 (883.3)	65 (10.2)	171 (163.1)	36 (△78.9)	175 (386.1)	454 (159.4)	77 (△83.0)
태국 Thailand	87,547 (32.8)	87,009 (△0.6)	92,126 (5.9)	96,358 (4.6)	107,482 (11.5)	113,073 (5.2)	108,601 (△4.0)	106,387 (△2.0)
인도 India	6,149 (272.9)	13,055 (112.3)	22,401 (71.6)	9,816 (△56.2)	14,240 (45.1)	20,039 (40.7)	25,339 (26.4)	31,021 (22.4)

17. 세계 주요국/지역의 화섬품목별 수출입량(8)

World Syn. F Exports & Imports by Country/Region(8)

◇ 수입 Import
(Acrylic SF)

(단위 : 톤, Ton)

국가 Country	2009	2010	2011	2012	2013	2014	2015	2016
한국 Korea	2,528 (14.0)	2,245 (△11.2)	2,673 (19.1)	1,903 (△28.8)	2,052 (7.7)	2,130 (3.9)	2,281 (7.1)	2,081 (△8.8)
일본 Japan	1,254 (△29.7)	1,575 (25.6)	1,277 (△18.9)	1,062 (△16.8)	1,209 (13.8)	666 (△44.9)	788 (18.3)	1,052 (33.5)
미국 USA	27,870 (△33.7)	38,240 (37.2)	40,845 (6.8)	41,657 (2.0)	39,983 (△4.0)	38,986 (△2.5)	44,819 (15.0)	32,498 (△27.5)
브라질 Brazil	7,287 (△48.9)	5,765 (△20.9)	8,339 (44.6)	5,165 (△38.1)	5,262 (1.9)	11,932 (126.8)	12,574 (5.4)	10,995 (△12.6)
EU28	27,049 (17.4)	30,772 (13.8)	28,059 (△8.8)	26,267 (△6.4)	36,472 (38.9)	40,410 (10.8)	38,462 (△4.8)	41,904 (8.9)
대만 Taiwan	789 (△41.7)	841 (6.6)	406 (△51.7)	375 (△7.6)	557 (48.5)	336 (△39.7)	256 (△23.8)	568 (121.9)
홍콩 Hong Kong	3,158 (△4.6)	3,241 (2.6)	3,536 (9.1)	2,228 (△37.0)	1,237 (△44.5)	1,628 (31.6)	1,432 (△12.0)	1,210 (△15.5)
중국 China	180,066 (23.6)	196,425 (9.1)	195,292 (△0.6)	186,591 (△4.5)	212,200 (13.7)	158,610 (△25.3)	158,564 (△0.0)	138,235 (△12.8)
인니 Indonesia	65,050 (△2.5)	68,444 (5.2)	68,797 (0.5)	60,039 (△12.7)	54,664 (△9.0)	66,555 (21.8)	62,777 (△5.7)	61,585 (△1.9)
태국 Thailand	6,538 (△34.7)	6,695 (2.4)	4,949 (△26.1)	6,482 (△31.0)	7,477 (15.4)	6,980 (△6.6)	6,191 (△11.3)	5,499 (△11.2)
인도 India	9,987 (△4.0)	19,431 (94.6)	19,056 (△1.9)	25,431 (33.5)	34,024 (33.8)	32,415 (△4.7)	32,620 (0.6)	34,320 (5.2)

자료 : UN 무역통계연보
주 : 1. EU28은 99년부터 역외수출입
2. ()는 전년비 증감률

Source : The Yearly statistical book of U.N
Note : 1. EU28 include the export and import within its
region after 1999
2. () means the increased rate to the previous year

18. 일본 주요합섬 국별 수출입량(1) Japan Export/Import of Major Synthetic Fibers by Country(1)

◇ Polyester F 수출(Export)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	338	429	344	384	402
대만	Taiwan	1,590	1,781	1,437	973	653
홍콩	Hong Kong	2,889	3,424	3,464	2,476	3,048
중국	China	4,018	3,416	3,019	2,648	2,071
베트남	Vietnam	957	970	1,413	1,796	1,506
태국	Thailand	2,367	2,307	2,423	1,976	2,081
인니	Indonesia	1,250	666	645	705	1,153
미국	USA	5,175	2,506	1,005	877	615
중동	M. East	-	24	1	-	1
네덜란드	Netherlands	4	1	-	1	-
터키	Turkey	639	493	377	197	108
세계계	W. Total	24,168	19,849	17,846	15,908	15,418

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

◇ Polyester F 수입(Import)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	13,278	10,396	11,369	13,010	12,786
대만	Taiwan	55,005	48,967	54,120	50,613	48,824
중국	China	12,898	14,288	18,194	19,116	21,209
태국	Thailand	13,190	19,189	21,748	22,768	22,853
말련	Malaysia	3,399	3,072	4,584	6,003	6,761
인니	Indonesia	14,837	13,582	15,530	15,748	15,453
미국	USA	3	3	2	3	16
세계계	W. Total	113,116	110,286	127,174	130,423	132,055

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

18. 일본 주요합섬 국별 수출입량(2) Japan Export/Import of Major Synthetic Fibers by Country(2)

◇ Polyester SF 수출(Export)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	119	530	488	643	47
대만	Taiwan	983	597	684	497	271
홍콩	Hong Kong	434	317	558	434	535
중국	China	7,351	8,964	7,040	6,118	6,374
태국	Thailand	4,025	2,660	1,889	1,435	1,193
말련	Malaysia	1,085	1,352	1,591	1,466	581
인니	Indonesia	5,751	8,880	4,191	2,212	537
미국	USA	5,431	5,379	5,431	5,379	3,774
중동	M. East	10	-	-	20	12
벨기에	Belgium	2,004	1,461	1,892	1,749	2,182
독일	Germany	2,923	2,055	2,408	1,886	1,827
세계계	W. Total	34,414	37,342	28,899	23,305	20,072

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

◇ Polyester SF 수입(Import)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	8,037	9,001	13,012	18,488	24,014
대만	Taiwan	2,105	1,228	1,422	2,495	5,060
중국	China	8,756	7,591	9,824	9,379	12,944
태국	Thailand	1,976	5,221	4,636	4,285	4,924
인니	Indonesia	3,081	2,586	3,452	3,079	7,332
미국	USA	18	5	8	7	31
세계계	W. Total	26,339	27,216	33,836	39,533	h 56,099

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

18. 일본 주요합섬 국별 수출입량(3) Japan Export/Import of Major Synthetic Fibers by Country(3)

◇ Nylon F 수출(Export)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	2,103	3,140	3,419	2,554	2,774
대만	Taiwan	1,374	1,251	681	820	431
홍콩	Hong Kong	776	338	370	281	155
중국	China	4,071	5,890	6,894	7,420	7,598
베트남	Vietnam	2,856	2,877	3,319	3,078	3,319
태국	Thailand	13,369	13,302	14,793	14,155	14,983
필리핀	Philippines	4,417	5,810	7,158	6,576	6,872
인니	Indonesia	103	128	140	125	171
중동	M. East	12	1	5	5	4
서구	W.Europe	514	537	669	800	932
미국	USA	843	1,319	1,797	2,013	1,244
세계계	W. Total	31,525	35,462	40,283	38,524	39,465

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

◇ Nylon F 수입(Import)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	3,631	3,963	3,661	3,874	3,961
대만	Taiwan	6,108	6,351	7,516	8,823	7,720
중국	China	3,586	3,726	4,691	4,530	4,862
태국	Thailand	1,088	1,185	1,314	1,079	876
인니	Indonesia	2,043	1,917	2,636	3,003	2,603
독일	Germany	144	69	58	72	44
미국	USA	4,066	4,093	7,174	7,974	7,484
세계계	W. Total	25,555	25,970	30,658	33,817	31,956

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

18. 일본 주요합섬 국별 수출입량(4) Japan Export/Import of Major Synthetic Fibers by Country(4)

◇ Acrylic SF 수출(Export)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	1329	1204	1236	1151	853
대만	Taiwan	450	467	318	145	238
홍콩	Hong Kong	2072	1691	1101	976	847
중국	China	75920	87279	72760	76,334	51,989
태국	Thailand	1400	857	426	1612	920
말련	Malaysia	-	1	2	4	959
인니	Indonesia	12080	10263	10198	9319	9,851
미국	USA	13914	12443	17793	22,482	19,651
중동	M. East	760	168	-	-	5,887
영국	U.K	3110	1267	2378	3210	6,653
이태리	Italy	789	741	843	577	767
세계계	W. Total	142667	151167	146985	156776	139,691

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

◇ Acrylic SF 수입(Import)

(단위 : 톤, Ton)

국가	Country	2012	2013	2014	2015	2016
한국	Korea	-	-	71	27	1
대만	Taiwan	834	895	208	122	380
중국	China	24	65	38	15	17
EU28		-	-	-	-	-
미국	USA	2	5	1	3	3
세계계	W. Total	1,062	1,209	666	788	1,052

자 료 : 일본섬유Hand Book

Source : Textile Handbook 2017, JCFA

19. EU 28개국 화섬별 수출입량(1)
EU 28 Export/Import of Man-made Fibers by Country(1)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES								
		오스트리아 Austria	벨기에 Belgium	불가리아 Bulg.	크로아티아 Croatia	키프로스 Cyprus	체코 Czech	덴마크 Denm.	에스토니아 Estonia	
Aramid	F	2015	1	0	2	0	0	2	0	19
		2016	2	0	1	0	0	0	2	26
Polyamide	non Text, F	2015	123	1,161	379	0	0	59	1	36
		2016	98	1,001	599	0	0	97	1	17
	Textured F (excl. Carpets)	2015	59	110	493	4	0	32	7	36
		2016	26	70	694	1	0	77	3	32
	Carpet (B.C.F)	2015	0	1,156	44	0	0	1	141	1
		2016	3	1,741	24	2	0	0	247	1
	Industrial F	2015	7	712	6	10	0	10,486	63	22
		2016	6	448	5	15	0	12,767	6	14
	Staple, Tow/Tops	2015	609	2,176	1	0	0	0	8	1
		2016	608	1,923	9	0	0	0	9	0
Polyester	P.O.Y	2015	0	26	1,909	0	0	19	140	0
		2016	17	112	3,979	10	0	11	172	0
	non Text, F	2015	502	4,099	1,008	17	0	2,424	33	0
		2016	395	5,200	1,275	15	0	2,232	39	23
	Textured F	2015	1,231	19,244	3,323	360	0	3,388	3,351	987
		2016	2,153	20,295	3,187	632	0	4,066	3,128	1,187
	Industrial F	2015	578	10,551	15	1,092	0	3,865	2,707	22
		2016	1,348	9,854	61	1,171	0	5,034	1,530	40
	Staple, Tow/Tops	2015	866	60,500	14,209	1,216	93	857	2,456	13,876
		2016	2,111	61,848	19,497	1,285	149	1,241	2,033	13,363
Acrylic	Staple, Tow/Tops	2015	497	1,458	4,585	0	0	311	1	7
		2016	306	1,267	3,972	0	0	375	0	28
Poly propylene	F	2015	462	43,352	819	22	9	81	484	25
		2016	159	52,363	1,655	43	1	78	717	16

자료 : CIRFS

Source : CIRFS

19. EU 28개국 화섬별 수출입량(1) EU 28 Export/Import of Man-made Fibers by Country(1)

(단위 : 톤, Ton)

품목 Items		년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES						
			핀란드 Finland	프랑스 France	독일 Germany	그리스 Greece	헝가리 Hungary	아일랜드 Ireland	이탈리아 Italy
Aramid	F	2015	0	46	255	55	21	1	195
		2016	0	38	275	92	26	0	102
Polyamide	non Text, F	2015	23	1,009	981	22	5	0	5,729
		2016	69	1,659	988	25	12	0	7,139
	Textured F (excl. Carpets)	2015	2	642	665	50	1	0	1,321
		2016	3	839	981	39	0	0	1,218
	Carpet (B.C.F)	2015	0	93	103	132	0	16	288
		2016	1	90	61	226	0	55	408
	Industrial F	2015	0	142	1,740	215	5,619	25	3,797
		2016	0	151	1,934	15	5,879	47	4,600
	Staple, Tow/Tops	2015	22	369	3,370	7	0	51	2,760
		2016	116	857	3,895	8	0	4	3,047
Polyester	P.O.Y	2015	0	186	2,992	0	9	0	8,514
		2016	0	319	1,703	0	9	0	7,150
	non Text, F	2015	0	1,959	15,569	206	41	0	12,428
		2016	3	1,937	15,151	148	47	4	11,375
	Textured F	2015	371	4,302	22,457	1,963	76	0	48,299
		2016	365	3,743	24,886	2,410	49	2	49,504
	Industrial F	2015	352	12,021	39,587	1,521	427	100	9,870
		2016	275	13,701	42,171	1,621	650	127	10,867
	Staple, Tow/Tops	2015	13,005	27,796	117,283	2,792	471	2,541	85,105
		2016	13,164	27,847	113,477	3,104	509	2,605	101,565
Acrylic	Staple, Tow/Tops	2015	11	1,189	1,660	0	1,154	1	13,961
		2016	12	1,214	2,034	0	1,365	1	13,562
Polypropylene	F	2015	15	12	408	565	19	13	3,109
		2016	32	79	369	715	36	6	2,954

19. EU 28개국 화섬별 수출입량(1)
EU 28 Export/Import of Man-made Fibers by Country(1)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES							
		라트비아 Latvia	리투아니아 Lithuan	룩셈부르크 Lux.	몰타 Malta	네덜란드 Netherl.	폴란드 Poland	포르투갈 Portugal	
Aramid	F	2015	0	0	39	0	689	1	0
		2016	0	0	1	0	922	1	0
Polyamide	non Text, F	2015	2	58	0	0	754	911	117
		2016	1	66	0	0	945	1,795	241
	Textured F (excl. Carpets)	2015	0	244	0	2	433	1,287	831
		2016	0	84	0	0	426	1,590	914
	Carpet (B.C.F)	2015	0	27	0	0	11,259	22	61
		2016	0	0	0	0	10,292	74	120
	Industrial F	2015	185	1,365	1,273	0	3,933	2,518	3,917
		2016	162	1,379	1,288	0	4,013	2,628	5,205
	Staple, Tow/Tops	2015	1	1	0	0	749	38	1
		2016	0	27	0	0	869	52	0
Polyester	P.O.Y	2015	0	0	42	0	273	1,179	1,083
		2016	53	0	126	0	632	1,340	789
	non Text, F	2015	17	24	0	448	1,841	3,462	227
		2016	61	2	0	415	716	2,763	227
	Textured F	2015	56	848	0	0	6,396	22,524	12,213
		2016	47	702	0	0	5,959	25,649	13,570
	Industrial F	2015	549	0	155	0	28,597	5,236	12,271
		2016	988	12	83	0	25,232	6,632	12,025
	Staple, Tow/Tops	2015	3	9,221	0	0	30,093	63,199	7,355
		2016	79	11,518	0	3	38,260	72,037	6,293
Acrylic	Staple, Tow/Tops	2015	0	1,542	0	0	614	1,240	78
		2016	0	1,369	0	0	639	1,207	112
Poly-propylene	F	2015	2	166	0	0	25,504	1,636	106
		2016	2	142	0	0	29,241	1,457	90

자료 : CIRFS

Source : CIRFS

19. EU 28개국 화섬별 수출입량(1) EU 28 Export/Import of Man-made Fibers by Country(1)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES						EU28	
		루마니아 Roman.	슬로바키아 Slovakia	슬로베니아 Slovenia	스페인 Spain	스웨덴 Sweden	영국 U.K		
Aramid	F	2015	8	0	0	102	0	53	1,490
		2016	16	4	0	105	0	122	1,734
Polyamide	non Text,F	2015	6	0	182	1,429	0	447	13,433
		2016	19	0	232	1,740	1	553	17,297
	Textured F (excl. Carpets)	2015	191	9	111	50	113	8,078	14,772
		2016	129	0	103	325	11	10,076	17,642
	Carpet (B.C.F)	2015	36	240	0	211	0	3,861	17,692
		2016	34	270	1	227	0	3,661	17,539
	Industrial F	2015	541	88	169	2,315	41	969	40,159
		2016	993	17	143	2,548	60	1,705	46,030
	Staple, Tow/Tops	2015	46	1	0	390	24	3,379	14,004
		2016	31	1	1	737	13	4,055	16,260
Polyester	P.O.Y	2015	7	0	82	4,358	0	6,910	27,730
		2016	6	0	50	4,858	0	1,649	22,984
	non Text, F	2015	1,830	669	199	7,033	692	8,560	63,338
		2016	2,075	796	166	7,793	865	6,727	60,448
	Textured F	2015	4,910	2,765	6	42,626	130	14,364	216,188
		2016	5,738	2,270	50	44,777	141	15,380	229,891
	Industrial F	2015	9,958	3,122	2,590	8,343	1,588	8,111	163,228
		2016	14,708	2,355	4,231	9,300	2,402	7,615	174,029
	Staple, Tow/Tops	2015	6,156	291	8,873	70,670	3,583	100,934	643,444
		2016	8,660	210	10,931	80,976	3,427	101,220	697,410
Acrylic	Staple, Tow/Tops	2015	1,631	0	42	5,186	0	3,102	38,270
		2016	1,643	0	24	5,654	0	7,066	41,904
Poly- propylene	F	2015	606	121	1	2,503	0	14,385	94,426
		2016	757	80	52	2,715	0	14,361	108,119

19. EU 28개국 화섬별 수출입량(2)
EU 28 Export/Import of Man-made Fibers by Country(2)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES								
		오스트리아 Austria	벨기에 Belgium	불가리아 Bulg.	크로아티아 Croatia	키프로스 Cyprus	체코 Czech	덴마크 Denm.	에스토니아 Estonia	
Polypropylene	SF	2015	1,006	2,384	96	20	0	968	610	3
		2016	76	2,761	93	14	0	2,086	760	1
Other Synthetic	F	2015	565	29,711	305	32	2	145	351	41
		2016	360	32,193	292	51	4	17	663	57
	SF	2015	336	12,337	11	0	19	1,924	6	0
		2016	491	13,214	42	0	0	1,085	25	0
Total Synthetic Fibers		2015	6,384	161,455	27,200	2,753	123	24,563	10,043	15,051
		2016	7,997	173,026	35,377	3,196	154	29,168	8,727	14,788
Viscose	F	2015	111	33	15	0	0	37	0	7
		2016	31	46	23	5	0	20	0	1
	SF	2015	563	1,247	0	0	8	135	0	8
		2016	1,244	816	2	164	0	382	0	23
Acetate	F	2015	0	359	0	0	0	0	0	0
		2016	0	0	0	0	0	0	0	0
	SF	2015	7	23,115	850	0	42	428	0	8
		2016	13	30,525	32	0	42	60	0	0
Other Cellulosic	F	2015	42	26	20	0	0	2,199	5	0
		2016	22	16	8	6	1	2,043	10	1
	SF	2015	1	70	38	0	0	0	2	0
		2016	1	56	66	0	0	0	0	0
Total Cellulosic Fibers		2015	724	24,850	923	0	50	2,799	7	23
		2016	1,311	31,459	131	175	43	2,505	10	25
Total Man-Made Fibers		2015	7,110	186,304	28,126	2,753	173	27,361	10,050	15,075
		2016	9,311	204,483	35,512	3,371	196	31,673	8,737	14,814

19. EU 28개국 화섬별 수출입량(2) EU 28 Export/Import of Man-made Fibers by Country(2)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES							
		핀란드 Finland	프랑스 France	독일 Germany	그리스 Greece	헝가리 Hungary	아일랜드 Ireland	이탈리아 Italy	
Polypropylene	SF	2015	0	580	3,342	47	0	0	9,301
		2016	0	315	4,506	438	1,372	1	11,693
Other Synthetic	F	2015	20	7,263	6,886	377	762	641	6,350
		2016	32	7,571	5,697	534	813	934	7,942
	SF	2015	567	1,851	9,435	367	145	1,945	13,735
		2016	440	2,417	11,918	193	117	2,195	14,690
Total Synthetic Fibers	2015	14,375	59,408	226,252	8,316	8,732	5,332	224,112	
	2016	14,487	62,643	229,553	9,562	10,853	5,975	246,587	
Viscose	F	2015	0	10	344	45	3	0	4,664
		2016	0	37	318	39	0	0	4,940
	SF	2015	0	8,332	6,423	111	0	0	8,467
		2016	0	9,743	6,774	0	0	0	7,617
Acetate	F	2015	1	0	0	0	0	0	37
		2016	0	0	0	0	0	0	16
	SF	2015	0	30	6,085	28	1	0	94
		2016	0	30	5,938	3	13	0	232
Other Cellulosic	F	2015	2	23	79	11	18	0	2,152
		2016	0	10	71	5	8	1	2,587
	SF	2015	0	4	63	0	0	1	458
		2016	0	1	42	0	1	0	401
Total Cellulosic Fibers	2015	3	8,399	12,994	195	22	1	15,872	
	2016	0	9,821	13,143	47	22	1	15,793	
Total Man-Made Fibers	2015	14,378	67,809	239,246	8,513	8,754	5,334	239,984	
	2016	14,487	72,465	242,697	9,608	10,877	5,976	262,408	

19. EU 28개국 화섬별 수출입량(2)
EU 28 Export/Import of Man-made Fibers by Country(2)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES							
		라트비아 Latvia	리투아니아 Lithuan	룩셈부르크 Lux	몰타 Malta	네덜란드 Netherl.	폴란드 Poland	포르투갈 Portugal	
Polypropylene	SF	2015	4	0	0	0	1,103	64	0
		2016	5	1	0	1	1,223	93	16
Other Synthetic	F	2015	28	20	0	2	34,432	1,328	490
		2016	28	31	0	1	39,763	1,728	812
	SF	2015	6	879	0	0	1,960	1,178	387
		2016	0	663	0	0	1,395	698	272
Total Synthetic Fibers	2015	853	14,396	1,510	451	126,960	105,336	39,049	
	2016	1,426	15,996	1,498	420	137,056	119,175	40,553	
Viscose	F	2015	0	110	0	0	97	130	53
		2016	0	176	0	0	144	88	27
	SF	2015	2	0	0	0	1,103	297	487
		2016	17	0	0	0	1,099	667	607
Acetate	F	2015	0	178	0	0	0	330	0
		2016	0	140	0	0	0	123	0
	SF	2015	0	1,805	0	0	1	3,914	13
		2016	0	636	0	0	21	3,859	0
Other Cellulosic	F	2015	13	0	245	0	34	29	342
		2016	12	0	603	1	53	63	324
	SF	2015	0	18	0	0	19	0	0
		2016	0	0	0	0	0	37	0
Total Cellulosic Fibers	2015	15	2,111	245	0	1,254	4,700	895	
	2016	29	952	603	1	1,317	4,837	958	
Total Man-Made Fibers	2015	868	16,506	1,755	452	128,214	110,053	39,945	
	2016	1,455	16,949	2,101	421	138,396	124,012	41,511	

19. EU 28개국 화섬별 수출입량(2) EU 28 Export/Import of Man-made Fibers by Country(2)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수입 FROM EXTRA E.U. 28 COUNTRIES						EU28	
		루마니아 Roman.	슬로바키아 Slovakia	슬로베니아 Slovenia	스페인 Spain	스웨덴 Sweden	영국 U.K		
Polypropylene	SF	2015	82	3	103	190	31	1,474	21,412
		2016	161	7	97	61	43	524	26,348
Other Synthetic	F	2015	507	121	32	4,565	108	20,052	115,137
		2016	688	192	61	4,499	118	20,872	125,953
	SF	2015	306	0	2,352	2,045	0	1,604	53,401
		2016	66	0	210	2,180	3	1,387	53,698
Total Synthetic Fibers	2015	26,813	7,430	14,741	150,641	6,312	182,063	1,470,654	
	2016	35,712	6,202	16,332	167,178	7,085	181,742	1,582,465	
Viscose	F	2015	118	43	0	765	0	919	7,506
		2016	219	33	0	826	0	1,014	7,988
	SF	2015	100	0	645	4,959	189	450	33,529
		2016	112	0	396	6,013	16	834	36,527
Acetate	F	2015	1	0	0	0	0	3	908
		2016	0	0	0	15	0	4	298
	SF	2015	208	0	0	990	883	7	38,510
		2016	45	0	0	1,218	1,152	12	43,828
Other Cellulosic	F	2015	21	10	4	80	1	226	5,586
		2016	6	17	0	108	0	249	6,230
	SF	2015	0	0	0	1	0	7	681
		2016	0	0	0	597	1	11	1,211
Total Cellulosic Fibers	2015	448	53	649	6,795	1,073	1,612	86,720	
	2016	382	50	396	8,777	1,169	2,124	96,082	
Total Man-Made Fibers	2015	27,261	7,484	15,391	157,437	7,385	183,676	1,557,400	
	2016	36,083	6,253	16,728	175,955	8,254	183,865	1,678,606	

19. EU 28개국 화섬별 수출입량(3)
EU 28 Export/Import of Man-made Fibers by Country(3)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES								
		오스트리아 Austria	벨기에 Belgium	불가리아 Bulg.	크로아티아 Croatia	키프로스 Cyprus	체코 Czech	덴마크 Denm.	에스토니아 Estonia	
Aramid	F	2015	3	0	5	0	0	8	3	0
		2016	3	0	7	0	0	2	7	0
Polyamide	non Text,F	2015	14	1,115	0	9	0	279	55	0
		2016	24	917	1	3	0	1,040	39	19
	Textured F (excl. Carpets)	2015	7	21	211	9	0	0	5	0
		2016	0	16	869	2	0	0	7	135
	Carpet (B.C.F)	2015	0	8,908	0	0	0	1	0	0
		2016	0	8,429	0	0	0	0	3	0
	Industrial F	2015	2	2	2	0	0	130	1	0
		2016	5	39	0	0	0	152	2	0
	Staple, Tow/Tops	2015	647	71	7	0	0	0	1	0
		2016	619	10	13	0	0	1	5	0
Polyester	P,O,Y	2015	0	0	0	0	0	0	116	0
		2016	0	0	10	0	0	0	150	0
	non Text, F	2015	19	106	43	7	0	1	15	26
		2016	15	37	106	2	0	9	13	1
	Textured F	2015	332	1,156	90	0	0	146	1,857	0
		2016	98	1,250	1,439	0	0	57	2,255	1
	Industrial F	2015	28	149	0	2	0	203	168	0
		2016	1	165	1	0	0	3	234	14
	Staple, Tow/Tops	2015	42	2,459	1,081	6	0	2,209	7	27
		2016	2	2,261	967	14	0	1,620	1	42
Acylic	Staple, Tow/Tops	2015	0	419	120	1	0	0	0	0
		2016	0	773	63	1	0	0	0	0
Poly- propylene	F	2015	12	7,331	22	0	0	443	0	14
		2016	2	5,739	0	0	0	534	1	0

19. EU 28개국 화섬별 수출입량(3) EU 28 Export/Import of Man-made Fibers by Country(3)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES							
		핀란드 Finland	프랑스 France	독일 Germany	그리스 Greece	헝가리 Hungary	아일랜드 Ireland	이탈리아 Italy	
Aramid	F	2015	1	6	0	0	0	7	20
		2016	1	6	0	0	0	0	46
Polyamide	non Text, F	2015	0	202	4,814	0	0	2	11,605
		2016	7	116	3,752	0	3	3	12,253
	Textured F (excl. Carpets)	2015	0	1,059	1,232	0	0	0	5,592
		2016	0	1,390	1,128	17	0	0	6,279
	Carpet (B.C.F)	2015	0	5,867	3,998	0	0	508	12,009
		2016	0	4,179	2,457	0	0	554	8,460
	Industrial F	2015	0	108	0	0	23	0	921
		2016	0	91	0	0	1	0	877
	Staple, Tow/Tops	2015	4	4,423	7,160	0	0	0	2,214
		2016	0	2,329	7,771	0	0	0	2,001
Polyester	P.O.Y	2015	0	0	0	0	0	0	377
		2016	0	223	0	0	0	0	260
	non Text, F	2015	2	620	409	4	15	0	1,450
		2016	2	528	514	2	12	0	2,112
	Textured F	2015	0	257	0	22	1	0	2,778
		2016	0	266	0	49	1	0	2,811
	Industrial F	2015	0	4,919	6,240	0	63	0	570
		2016	0	5,007	8,104	0	86	0	396
	Staple, Tow/Tops	2015	2	1,374	0	7	0	5,240	140
		2016	6	1,195	0	1	0	4,592	154
Acrylic	Staple, Tow/Tops	2015	0	34	0	23	330	0	160
		2016	0	172	0	0	1,078	0	139
Poly-propylene	F	2015	0	2,112	175	293	37	5	832
		2016	1	1,589	218	303	101	2	705

19. EU 28개국 화섬별 수출입량(3)
EU 28 Export/Import of Man-made Fibers by Country(3)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES							
		라트비아 Latvia	리투아니아 Lithuan	룩셈부르크 Lux.	몰타 Malta	네덜란드 Netherl.	폴란드 Poland	포르투갈 Portugal	
Aramid	F	2015	0	150	0	0	8,929	0	0
		2016	90	60	0	0	8,241	31	0
Polyamide	non Text, F	2015	204	14	0	0	187	522	7
		2016	148	13	0	0	9	505	5
	Textured F (excl. Carpets)	2015	0	329	0	0	20	1,432	84
		2016	0	204	0	0	35	1,836	28
	Carpet (B.C.F)	2015	0	32	0	0	75	14	10
		2016	0	12	0	0	112	32	6
	Industrial F	2015	5,646	4	0	0	293	21	23
		2016	3,342	3	0	0	233	54	4
	Staple, Tow/Tops	2015	0	0	0	0	519	0	22
		2016	0	3	0	0	202	7	4
Polyester	P.O.Y	2015	0	7	0	0	19	6	0
		2016	0	0	0	0	29	1	8
	non Text, F	2015	6	165	0	0	293	24	72
		2016	2	16	0	0	7	49	93
	Textured F	2015	4	16	593	0	71	1,359	53
		2016	3	15	545	0	47	1,273	126
	Industrial F	2015	41	24	0	0	439	730	5
		2016	1	23	0	0	467	854	4
	Staple, Tow/Tops	2015	20	45	0	0	501	883	25
		2016	39	93	0	0	605	608	70
Acrylic	Staple, Tow/Tops	2015	52	1	0	0	454	16	30,788
		2016	0	1	0	0	395	20	30,320
Poly- propylene	F	2015	2	28	0	0	8	387	173
		2016	0	20	0	0	40	430	181

자료 : CIRFS

Source : CIRFS

19. EU 28개국 화섬별 수출입량(3)
EU 28 Export/Import of Man-made Fibers by Country(3)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES						EU28	
		루마니아 Roman.	슬로바키아 Slovakia	슬로베니아 Slovenia	스페인 Spain	스웨덴 Sweden	영국 U.K		
Aramid	F	2015	1	0	1	11	0	270	9,415
		2016	0	0	1	17	0	368	8,880
Polyamide	non Text, F	2015	122	59	862	5,697	0	26	25,795
		2016	141	19	1,148	1,495	0	22	21,681
	Textured F (excl. Carpets)	2015	18	0	1,872	1,108	1	56	13,055
		2016	28	0	1,867	892	0	34	14,768
	Carpet (B.C.F)	2015	7	0	1,128	67	0	41	32,668
		2016	2	0	503	151	0	43	24,942
	Industrial F	2015	2	2,675	79	166	0	1,681	11,779
		2016	1	2,344	147	126	0	1,304	8,724
	Staple, Tow/Tops	2015	0	0	0	374	0	109	15,552
		2016	0	0	0	212	0	85	13,264
Polyester	P.O.Y	2015	0	0	0	2,616	0	4	3,145
		2016	0	0	0	2,586	0	54	3,322
	non Text, F	2015	31	2	0	406	3	3	3,723
		2016	46	11	0	525	2	30	4,135
	Textured F	2015	69	1	1,413	1,585	1	487	12,291
		2016	112	0	585	2,676	1	380	13,989
	Industrial F	2015	0	0	1	557	33	86	14,258
		2016	28	0	6	659	1	28	16,082
	Staple, Tow/Tops	2015	4,505	3	17	1,162	13	1,112	20,880
		2016	7,659	3	25	1,117	0	1,629	22,706
Acrylic	Staple, Tow/Tops	2015	0	0	51	336	2	502	33,289
		2016	9	0	1	53	2	553	33,581
Poly-propylene	F	2015	48	539	8	333	0	287	13,087
		2016	39	513	22	560	0	266	11,265

19. EU 28개국 화섬별 수출입량(4) EU 28 Export/Import of Man-made Fibers by Country(4)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES								
		오스트리아 Austria	벨기에 Belgium	불가리아 Bulg.	크로아티아 Croatia	키프로스 Cyprus	체코 Czech	덴마크 Denm.	에스토니아 Estonia	
Polypropylene	SF	2015	1,929	23,631	4	3	0	7	0	0
		2016	2,383	24,129	3	1	0	12	0	4
Other Synthetic	F	2015	143	340	202	28	0	265	37	5
		2016	121	82	226	37	0	239	51	6
	SF	2015	833	869	488	59	0	14	0	1
		2016	594	1,320	341	16	0	5	3	2
Total Synthetic Fibers	2015	3,985	46,434	2,272	124	0	3,592	11,534	74	
	2016	3,856	45,164	4,046	75	0	3,588	10,578	226	
Viscose	F	2015	37	13	283	3	0	4	0	0
		2016	4	21	314	9	0	1	2	0
	SF	2015	0	16	15	0	0	3	1	0
		2016	0	474	31	0	0	0	0	1
Acetate	F	2015	0	203	0	0	0	0	0	0
		2016	0	1,392	0	0	0	0	0	0
	SF	2015	0	19,470	43	3	0	1	0	0
		2016	0	14,723	7	0	0	0	0	0
Other Cellulosic	F	2015	7	5	3	9	0	121	4	0
		2016	3	1	4	8	0	191	2	0
	SF	2015	17	110	0	0	0	2	0	0
		2016	17	21	0	0	0	0	0	0
Total Cellulosic Fibers	2015	61	19,817	344	15	0	131	5	0	
	2016	24	16,632	356	17	0	192	4	1	
Total Man-Made Fibers	2015	4,045	66,252	2,617	141	0	3,723	11,539	73	
	2016	3,879	61,800	4,401	92	0	3,780	10,581	227	

19. EU 28개국 화섬별 수출입량(4) EU 28 Export/Import of Man-made Fibers by Country(4)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES							
		핀란드 Finland	프랑스 France	독일 Germany	그리스 Greece	헝가리 Hungary	아일랜드 Ireland	이탈리아 Italy	
Polypropylene	SF	2015	14	101	186	342	2	4	8,897
		2016	6	80	422	2,347	3	0	7,421
OtherSynthetic	F	2015	8	2,001	5,412	74	206	0	4,556
		2016	9	3,685	4,968	112	234	0	3,754
	SF	2015	0	6,858	8,507	28	817	0	1,191
		2016	1	5,686	4,226	35	0	0	1,418
Total Synthetic Fibers		2015	30	29,909	203,758	793	41	5,766	52,282
		2016	35	26,446	197,920	2,848	652	5,151	48,360
Viscose	F	2015	0	37	3	0	1,530	0	496
		2016	0	10	2	0	0	0	710
	SF	2015	16	2	35,995	0	3	0	519
		2016	0	26	39,513	0	0	0	554
Acetate	F	2015	0	0	1	0	0	0	23
		2016	0	0	1	0	0	0	19
	SF	2015	0	953	405	0	0	0	80
		2016	0	1,421	195	0	82	0	43
Other Cellulosic	F	2015	0	69	212	6	1	0	218
		2016	0	361	197	4	1	0	185
	SF	2015	0	182	470	7	0	0	382
		2016	0	219	675	14	0	0	427
Total Cellulosic Fibers		2015	0	1,243	37,086	13	1	0	1,718
		2016	1	2,037	40,583	18	86	0	1,938
Total Man-Made Fibers		2015	73	31,159	240,844	805	653	5,766	54,013
		2016	227	28,497	238,503	2,870	1,616	5,151	50,316

19. EU 28개국 화섬별 수출입량(4)
EU 28 Export/Import of Man-made Fibers by Country(4)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES							
		라트비아 Latvia	리투아니아 Lithuan	룩셈부르크 Lux.	몰타 Malta	네덜란드 Netherl.	폴란드 Poland	포르투갈 Portugal	
Polypropylene	SF	2015	0	33	0	0	31	10	233
		2016	1	39	0	0	34	35	303
Other Synthetic	F	2015	542	84	0	0	556	466	457
		2016	64	92	0	0	919	450	322
	SF	2015	0	4	0	0	6,779	57	1,681
		2016	2	0	49	0	7,362	5	1,434
Total Synthetic Fibers		2015	6,024	930	593	0	21,786	5,833	33,441
		2016	3,692	580	595	0	25,887	6,075	32,822
Viscose	F	2015	0	3	0	0	0	24	0
		2016	0	14	0	0	0	13	1
	SF	2015	0	1	0	0	37	0	0
		2016	0	1	0	0	13	0	0
Acetate	F	2015	0	2,795	0	0	0	0	0
		2016	0	1,797	0	0	0	1	0
	SF	2015	0	0	0	0	15	49	4
		2016	0	4	0	0	55	90	2
Other Cellulosic	F	2015	0	0	0	0	105	19	35
		2016	0	0	0	0	100	18	31
	SF	2015	0	0	0	0	0	0	0
		2016	0	1	47	0	0	1	0
Total Cellulosic Fibers		2015	0	2,799	0	0	157	92	39
		2016	0	1,817	47	0	168	123	34
Total Man-Made Fibers		2015	6,025	3,729	623	0	21,942	5,925	33,480
		2016	3,693	2,398	680	0	26,055	6,198	32,854

19. EU 28개국 화섬별 수출입량(4) EU 28 Export/Import of Man-made Fibers by Country(4)

(단위 : 톤, Ton)

품목 Items	년도 Year	역외수출 TO EXTRA E.U. 28 COUNTRIES						EU28	
		루마니아 Roman.	슬로바키아 Slovakia	슬로베니아 Slovenia	스페인 Spain	스웨덴 Sweden	영국 U.K		
Polypropylene	SF	2015	2	19	16	264	17	3,019	38,761
		2016	3	5	62	895	4	13,136	51,332
Other Synthetic	F	2015	562	39	289	1,443	30	1,395	18,765
		2016	624	38	270	2,117	29	1,670	20,119
	SF	2015	496	0	16	1,818	3	4,148	33,854
		2016	930	0	2	1,321	7	6,221	31,023
Total Synthetic Fibers	2015	5,851	3,337	5,750	17,733	104	13,081	475,665	
	2016	9,600	2,933	4,631	15,098	47	25,618	477,404	
Viscose	F	2015	0	0	0	90	0	26	1,019
		2016	0	0	0	104	0	5	1,213
	SF	2015	0	55	0	37	0	917	37,613
		2016	0	0	3	0	0	656	41,271
Acetate	F	2015	0	0	0	1,032	0	4	4,060
		2016	0	0	0	1,224	0	0	4,433
	SF	2015	0	0	0	226	0	0	21,252
		2016	3	0	0	49	0	0	16,675
Other Cellulosic	F	2015	25	2	1	58	1	24	923
		2016	28	1	2	27	3	10	1,175
	SF	2015	0	0	0	911	0	657	2,738
		2016	0	0	0	1,500	0	89	3,012
Total Cellulosic Fibers	2015	25	57	1	2,354	1	1,628	67,605	
	2016	31	1	5	2,904	3	760	67,779	
Total Man-Made Fibers	2015	5,876	3,393	5,751	20,118	106	14,710	543,357	
	2016	9,632	2,934	4,636	18,036	49	26,401	545,319	

20. 세계 주요국/지역 Textile 수출입액(1) World Exports & Imports of Textile by Country/Region(1)

◇ 수출 Export

(단위 : 100만불, Million \$)

국가 Country	2010	2011	2012	2013	2014	2015	2016
한국 Korea	10,968 (19.8)	12,369 (12.8)	11,970 (△3.2)	12,043 (0.6)	11,909 (△1.1)	10,646 (△10.6)	10,039 (△5.7)
일본 Japan	7,086 (16.0)	8,035 (13.4)	7,819 (△2.7)	6,841 (△12.5)	6,678 (△2.4)	6,164 (△7.7)	6,419 (4.1)
중국 China	76,900 (28.5)	94,411 (22.8)	95,450 (1.1)	106,578 (11.7)	111,726 (4.8)	108,817 (△2.6)	104,663 (△3.8)
대만 Taiwan	9,753 (19.8)	11,016 (12.8)	10,293 (△11.3)	10,217 (12.8)	10,264 (13.8)	9,678 (13.8)	8,973 (13.8)
홍콩 Hong Kong	11,307 (13.3)	11,283 (△0.2)	10,546 (△6.5)	10,718 (1.6)	9,785 (△8.7)	9,106 (△6.9)	7,901 (△13.2)
인도 India	12,833 (40.9)	15,340 (19.5)	15,348 (0.1)	17,417 (13.5)	18,339 (△3.0)	17,289 (△5.7)	16,210 (△6.2)
파키스탄 Pakistan	7,848 (△20.6)	9,082 (15.7)	8,705 (△4.2)	9,341 (7.3)	9,077 (△2.8)	8,232 (△9.3)	7,680 (△6.7)
중남미 S.America	3,022 (17.6)	3,248 (7.5)	3,242 (△0.2)	3,395 (4.7)	3,432 (1.1)	3,446 (0.4)	3,278 (△4.9)
중동 M.East	1,812 (6.9)	1,913 (5.6)	2,218 (15.9)	2,736 (23.4)	2,223 (△18.8)	1,821 (△18.1)	1,804 (△0.9)
스위스 Swiss	1,497 (△8.0)	1,381 (△7.7)	1,166 (△15.6)	1,164 (△0.2)	1,246 (7.0)	1,064 (△14.6)	1,044 (△1.9)
터키 Turkey	8,964 (16.1)	10,772 (20.2)	11,054 (2.6)	12,157 (10.0)	12,516 (3.0)	10,952 (△12.5)	10,913 (△0.4)
미국 USA	12,157 (22.6)	13,781 (13.4)	13,483 (△2.2)	13,924 (3.3)	14,368 (3.2)	13,761 (△4.2)	12,904 (△6.2)
EU28	68,003 (8.0)	77,137 (13.6)	69,725 (△9.6)	72,264 (3.6)	75,122 (4.0)	64,627 (△14.0)	65,470 (1.3)
세계계 W.Total	252,453 (20.0)	294,215 (17.0)	291,943 (△0.8)	310,244 (6.3)	321,007 (3.5)	297,660 (△7.3)	288,976 (△2.9)

자료 : 세계무역기구연간보고서
주 : EU는 역내무역포함

Source : WTO Annual Report

Note : EU includes the trade within its own region

20. 세계 주요국/지역 Textile 수출입액(2) World Exports & Imports of Textile by Country/Region(2)

◇ 수입 Import

(단위 : 100만불, Million \$)

국가 Country	2010	2011	2012	2013	2014	2015	2016
한국 Korea	4,833 (36.7)	5,658 (17.1)	4,882 (△13.7)	5,218 (6.9)	5,367 (2.9)	5,168 (△3.7)	5,112 (△1.1)
일본 Japan	7,196 (6.7)	9,195 (27.8)	9,013 (△2.0)	8,752 (△2.9)	8,888 (1.6)	8,178 (△8.0)	8,180 (0.0)
중국 China	17,667 (18.2)	18,901 (7.0)	19,810 (4.8)	21,563 (8.8)	20,249 (△6.1)	18,977 (△6.3)	16,676 (△12.1)
홍콩 Hong Kong	11,265 (13.1)	11,049 (△1.9)	10,364 (△6.2)	10,411 (0.5)	9,358 (△10.1)	8,251 (△8.9)	7,411 (△13.0)
스위스 Swiss	1,991 (9.2)	2,296 (15.3)	1,994 (△13.2)	2,119 (6.3)	2,253 (6.3)	1,916 (△15.0)	1,915 (△0.1)
러시아 Russia	3,784 (7.3)	3,762 (△0.6)	4,663 (24.0)	4,365 (△6.4)	4,098 (△6.1)	2,750 (△32.9)	2,744 (△0.2)
터키 Turkey	6,540 (38.6)	7,557 (15.6)	6,441 (△14.8)	6,789 (5.4)	7,117 (4.8)	6,232 (△12.4)	6,110 (△2.0)
아프리카 Africa	4,074 (9.1)	4,746 (16.5)	4,113 (△13.3)	4,165 (1.3)	4,388 (5.4)	3,823 (△12.9)	4,061 (6.2)
오세아니아 Oceania	2,182 (13.2)	2,550 (16.9)	2,587 (1.5)	2,617 (1.2)	2,720 (3.9)	2,705 (△0.6)	2,666 (△1.4)
미국 USA	23,375 (21.7)	25,360 (8.5)	25,956 (2.4)	27,056 (4.2)	28,268 (4.5)	29,562 (4.6)	28,779 (△2.6)
멕시코 Mexico	5,150 (22.7)	5,859 (13.8)	6,003 (2.5)	6,180 (2.9)	6,408 (3.7)	6,528 (1.9)	6,241 (△4.4)
EU28	74,424 (11.5)	85,211 (16.7)	75,027 (△12.0)	78,713 (4.9)	83,546 (6.1)	73,409 (△12.1)	74,639 (1.7)
세계계 W.Total	267113 (27.0)	294215 (17.0)	291,943 (△0.8)	310,244 (6.3)	321,007 (3.5)	297,660 (△7.3)	288,976 (△2.9)

자료 : 세계무역기구연간보고서
주 : EU는 역내무역포함

Source : WTO Annual Report

Note : EU includes the trade within its own region

21. 세계 주요국/지역 Textile 수출입액(1) World Exports & Imports of Apparel by Country/Region(1)

◇ 수출 Export

(단위 : 100만불, Million \$)

국가 Country	2010	2011	2012	2013	2014	2015	2016
한국 Korea	1,610 (15.3)	1,840 (14.3)	1,910 (3.8)	2,100 (9.9)	2,249 (7.1)	2,119 (△5.8)	2,053 (△3.1)
일본 Japan	531 (9.7)	595 (12.1)	557 (△6.4)	487 (△12.6)	502 (3.1)	498 (△0.8)	602 (20.9)
중국 China	129,838 (21.0)	153,774 (18.4)	159,610 (3.8)	177,530 (11.2)	186,704 (5.2)	174,083 (△6.8)	158,262 (△9.1)
인니 Indonesia	6,820 (15.3)	8,045 (18.0)	7,524 (△6.5)	7,692 (2.2)	7,670 (△0.3)	7,593 (△1.0)	7,474 (△1.6)
홍콩 Hong Kong	24,049 (5.4)	24,505 (1.9)	22,573 (△7.9)	21,922 (△2.9)	20,510 (△6.4)	18,416 (△10.2)	15,688 (△14.8)
인도 India	11,229 (△6.5)	14,672 (30.5)	13,928 (△5.1)	15,542 (11.6)	17,742 (14.2)	18,254 (2.9)	17,967 (△1.6)
터키 Turkey	12,760 (△8.1)	13,948 (9.3)	14,290 (23.7)	15,393 (7.7)	16,668 (8.3)	15,121 (△9.3)	15,047 (△0.5)
태국 Thailand	4,300 (15.5)	4,561 (6.1)	4,275 (△6.3)	4,100 (△4.1)	4,129 (0.7)	3,710 (△10.1)	3,493 (△5.8)
파키스탄 Pakistan	10,390 (21.7)	13,149 (26.6)	14,443 (9.8)	17,148 (18.7)	20,174 (17.6)	23,463 (16.3)	24,479 (4.3)
베트남 Vietnam	14,855 (18.6)	19,214 (29.3)	19,788 (3.0)	23,501 (18.8)	24,584 (4.6)	26,603 (8.2)	28,668 (7.8)
방글라데시 Bangladesh	3,007 (△2.6)	3,274 (8.9)	3,225 (△1.5)	3,155 (△2.2)	3,310 (4.9)	2,797 (△15.5)	3,026 (8.2)
모로코 Morocco	4,692 (12.1)	5,241 (12.1)	5,606 (7.0)	5,861 (4.5)	6,103 (4.1)	6,073 (△0.5)	5,648 (△7.0)
미국 USA	100,695 (2.5)	117,407 (17.2)	109,853 (△6.4)	118,639 (8.0)	127,519 (7.5)	112,265 (△12.0)	117,165 (4.4)
EU28	354,493 (12.0)	419,206 (18.6)	435,500 (3.9)	472,914 (8.6)	500,531 (5.8)	470,255 (△6.0)	458,590 (△2.5)

21. 세계 주요국/지역 Apparel 수출입액(1) World Exports & Imports of Apparel by Country/Region(1)

◇ 수입 Import

(단위 : 100만불, Million \$)

국가 Country	2010	2011	2012	2013	2014	2015	2016
한국 Korea	4,443 (31.5)	6,110 (37.5)	6,267 (2.6)	7,535 (20.2)	8,472 (12.4)	8,512 (0.5)	8,640 (1.5)
일본 Japan	26,867 (5.1)	329,934 (22.6)	33,942 (3.1)	33,626 (△0.9)	31,149 (△7.4)	28,581 (△8.2)	27,900 (△2.4)
홍콩 Hong Kong	16,645 (7.3)	17,248 (3.6)	16,338 (△5.3)	16,448 (0.7)	16,173 (△1.7)	14,902 (△7.9)	13,216 (△11.3)
중동 M.East	2,598 (2.2)	4,012 (54.4)	4,522 (12.7)	5,339 (18.1)	6,129 (14.8)	6,544 (6.8)	3,745 (△42.8)
대만 Taiwan	1,188 (17.6)	1,530 (28.8)	1,638 (7.1)	1,605 (△2.0)	1,765 (10.0)	1,930 (9.3)	1,958 (1.5)
싱가폴 Singapore	1,960 (15.4)	2,335 (19.1)	2,389 (2.3)	2,916 (22.1)	2,584 (△11.4)	2,439 (△5.6)	2,415 (△1.0)
스위스 Swiss	5,288 (2.0)	6,138 (16.1)	5,721 (9.1)	5,904 (3.2)	6,131 (△0.1)	5,614 (△8.4)	5,955 (6.1)
오세아니아 Oceania	4,832 (19.1)	5,839 (20.8)	6,080 (4.1)	6,257 (2.9)	6,524 (4.3)	6,602 (1.2)	6,413 (△2.9)
아프리카 Africa	1,363 (29.3)	1,922 (41.0)	1,813 (△5.7)	1,900 (4.8)	1,866 (△1.8)	1,714 (△8.1)	1,741 (1.6)
러시아 Russia	6,228 (52.8)	9,238 (48.3)	9,245 (0.1)	9,014 (△2.5)	8,513 (△5.6)	5,589 (△34.3)	5,770 (3.2)
미국 USA	81,942 (13.7)	88,584 (8.1)	87,957 (△0.7)	91,040 (3.5)	93,192 (2.4)	96,919 (4.0)	91,174 (△5.9)
캐나다 Canada	8,314 (10.0)	9,526 (14.6)	9,371 (△1.6)	9,950 (6.2)	10,082 (1.3)	9,895 (△1.9)	9,568 (△3.3)
EU28	167,498 (3.8)	191,798 (15.1)	174,526 (△9.0)	183,192 (5.0)	199,657 (9.0)	180,316 (△9.7)	185,255 (2.7)
세계계 W.Total	353,415 (11.7)	438,190 (24.0)	435,000 (△0.7)	472,914 (8.7)	500,531 (5.8)	470,255 (△6.0)	458,590 (△2.5)

자료 : 세계무역기구연간보고서
주 : EU는 역내무역포함

Source : WTO Annual Report

Note : EU includes the trade within its own region

22. 화섬원료 수출입 평균가격

The Exports & Imports average value of Chemical fiber Raw Materials

(단위 : 불/톤, \$/Ton)

구분 Description	품목 Item	2011	2012	2013	2014	2015	2016	2017
수출 Export	TPA	1,237 (33.9)	1,074 (△13.2)	1,062 (△14.1)	901 (△16.1)	639 (△39.8)	606 (△5.2)	650 (7.3)
	EG	1,161 (35.3)	1,009 (△13.1)	1,040 (△10.4)	918 (△9.0)	764 (△26.5)	637 (△16.6)	835 (31.1)
	CPL	3,035 (20.7)	2,514 (△17.2)	2,805 (△7.6)	2,825 (12.4)	1,622 (△42.2)	1,367 (△15.7)	1,855 (35.7)
	AN	2,173 (6.7)	1,808 (△16.8)	1,723 (△20.7)	1,859 (2.8)	1,194 (△30.7)	1,030 (△13.7)	1,407 (36.6)
	PET Chip	1,679 (31.2)	1,508 (△10.2)	1,493 (△11.1)	1,369 (△9.2)	1,086 (△27.3)	1,025 (△5.6)	- -
수입 Import	TPA	1,292 (52.7)	1,495 (15.7)	905 (△30.0)	1,182 (△20.9)	693 (△23.4)	638 (△7.9)	733 (14.9)
	EG	1,199 (36.7)	1,096 (△8.6)	1,107 (△7.7)	1,008 (△8.0)	845 (△23.7)	697 (△17.5)	941 (35.0)
	CPL	3,259 (32.0)	2,590 (△20.5)	2,365 (△27.4)	2,210 (△14.7)	1,671 (△29.3)	1,292 (△22.7)	1,840 (42.4)
	AN	2,307 (9.0)	1,860 (△19.4)	1,756 (△23.9)	1,904 (2.4)	1,346 (△23.3)	1,090 (△19.0)	1,456 (33.6)
	PET Chip	1,697 (17.9)	1,655 (△2.5)	1,423 (△16.1)	1,346 (△18.7)	1,097 (△22.9)	960 (△12.5)	663 (△30.9)

자료 : KOTIS 기준

주 : 1. ()는 전년도 증감률

2. PET Chip은 HSK 3907-60, 3907-99-9000 기준

Source : KOTIS(Korea Trade Information Services)

Note : 1. () means the increased rate to the previous year

2. PET Chip covers data of HSK 3907-60,3907-99-9000

23. 세계 Super World Producers

(단위 : 톤/1년, Ton/Year)

품목 Item	그룹 및 사명 Company	상표 Brand	생산능력 Capacity	증설계획 Project
Para계 Aramid 섬유	DuPont그룹		40,000	
	미국DuPont(Richmond) (Cooper)	Kevlar	21,000 7,000	
	영국DuPont(Maydown)		9,500	
	일본Toray DuPont(東海)		2,500	
	帝人그룹		28,950	
	일본 帝人(松山)	Technora	2,500	
	화란 Teijin Aramid	Twaron	26,450	
	Kolon Ind.(구미)	Heracrom	5,000	
	효상(Hyosung)	ALKEX	1,500	
	HUVIS(전주)	Paraone	300	
煙台泰和新材料	Taparan	1,000		
Meta계 Aramid 섬유	DuPont그룹		20,900	
	미국DuPont	Nomex	15,700	
	스페인 DuPont Iberica		5,200	
	帝人(岩國)	Conex	2,700	
	Teijin Corporation Thai)	Ayutthaya	2,200	Conex neo
	煙台泰和新材料	New Star	8,000	
	Toray Chemical Korea	Aranwin	2,600	구Woongjin Chemical
HUVIS(전주)	MetaOne	1,000		
Polyarylate 섬유	Kuraray(西条)	Vectran	1,000	
초고분자량 Polyethylene 섬유	일본Dyneema(堅田, 敦賀) (DSM東洋紡)	Dyneema	3,200	
	DSM High(Heerlen)		3,500	
	DSM High(Greenville)		2,500	
	Honeywell(Colonial)	Spectra	900	
	東洋紡(일본)	Tsunoga	1,000	
	Dong Yang Rope(부산)	MirAcle	500	
PBI 섬유	PBI Performance(Rock Hill,SC)	Logo	100	
불소섬유	Toray(松山)	Toyofron/Teflon	270	
	Toray Fluorofibers(美)	Toyofron/Teflon	485	
	W.L. Gore	GORE-TEX	400	
	Lenzing	Profilen	560	
PPS 섬유	東洋紡(일본)	Procon	3,100	
	Toray(일본)	Torcon	3,200	
	Huvis(전주)	Zetaone	4,000	
	TFNL(中國南通 Toyay 100%)	Torcon	1,800	

주 : 2018년 3월 현재

Note : Mar, 2018 Base

섬유 업체 일람 of Super Fiber

(단위 : 톤/1년, Ton/Year)

품목 Item	그룹 및 사명 Company	상표 Brand	생산능력 Capacity	증설계획 Project
PAN계탄소섬유	Toray그룹		27,100	
	Toray(愛媛)	Torayca	9,300	LargeTow 포함
	SOFICAR(佛)		5,200	
	Toray Carbon Fiber America		7,900	
	Toray Advanced Materials Korea		4,700	
	帝人그룹		13,900	
	東邦Tenax(三島)	Besfight	6,400	8,100 증설검토
	Tenax Fibers(獨)		5,100	
	Toho Carbon Fibers(美)		2,400	
	三菱그룹		13,100	
	三菱Rayon(豊橋, 大竹)	Pyrofil	5,400	
	三菱Rayon(大竹)		2,700	
	Irvine(美)		5,000	
	HEXCEL(美)	Hexcel	5,400	
	CYTEC INDUSTRIES(美)	Cytec	3,300	
	SGL(美WY, WA)		6,300	Large Tow
	Zoltek(멕시코)		5,000	Toray 자회사
	SGL(영국)		4,000	Large Tow
	Zoltek(헝가리)		10,500	Toray 자회사
	臺灣塑膠(대만)		8,750	
Dow-Aksa(터키)		3,500		
태광산업(울산)	ACEPORA	1,500		
효성(Hyosung, 전주)	Tansome	2,500		
Hexcel (스페인)	Parla	1,600		
PBO 섬유	東洋紡(敦賀)	Zylon	300	
Melamine 섬유	Basofil(Enka, NC)	Basofil	1,500	
Polyamide-imide (PAI)섬유	Kermel(佛)	Kermel	750	
Novoloid 섬유	일본Kynol	Kynol	600	
Polyimide 섬유	Inspec Fibres	P84	800	
Polyetherimide	Kuraray(倉敷)	Kurakiss	500	
PSA(Polysulfone)	上海特安綸	Tanlon	1,000	

24. 세계 주요국가 합섬원료 The import tariff

품목 Item		한국 Korea	중국 China	인도 India	인니 Indonesia	일본 Japan	말련 Malaysia
합섬원료 Raw material of Syn. F	TPA	3,0	6,5	5,0	0,0	5,3	0,0
	EG	3,0	5,5	5,0	0,0	5,5	0,0
	CPL	3,0	9,0	7,5	0,0	4,7	0,0
	AN	6,5	6,5	2,5	5,0	4,3	0,0
합섬SF Syn. SF	Polyester	8,0	5,0	5,0	5,0	6,6	0,0
	Nylon	8,0	5,0	10,0	0,0	6,6	
	Acrylic	8,0	5,0	5,0	0,0	6,6	
합섬F Syn. F	Polyester	8,0	5,0	5,0	5,0	6,6	DTY 10,0 기타 0,0
	Nylon	8,0	5,0	10,0	5,0	6,6	
합섬방적사 Syn. Spin. Yarn		8,0	5,0	5,0	5,0	6,6	ASF 0,0 기타 10,0
합섬직물 Syn. Fabric	SF 직물 SF Fabric	10,0	10,0-18,0	10,0	10,0-15,0	5,3-6,6	10,0
	F 직물 F Fabric	8,0	10,0	10,0	10,0-15,0	5,6-5,7	10,0
면사 Cotton Yarn		8,0	5,0	10,0	5,0	1,9	10,0
면직물 Cotton Fabric		10,0	10,0-12,0	10,0	10,0	2,9-5,6	10,0
모사 Wool Yarn		8,0	5,0	10,0	5,0	2,7	10,0
모직물 Wool Fabric		13,0	10,0	10,0	10,0	5,3-7,9	0,0
의류 Apparel		13,0	14,0-19,0	10,0	15,0	7,4-10,9	0-20,0

및 제품 관세율 비교 of Textile

('17. 3. 31 현재)

품목 Item		파키스탄 Pakistan	필리핀 Philippines	태국 Thailand	대만 Taiwan	미국 U.S.A	EU
합섬원료 Raw material of Syn. F	TPA	3,0	3,0	0,0	1,0	6,5	6,5
	EG	0,0	1,0	0,0	1,0	5,5	5,5
	CPL	5,0	0,0	5,0	1,0	6,5	6,5
	AN	0,0	3,0	0,0	1,0	6,5	6,5
합섬SF Syn. SF	Polyester			1,0	1,5	4,3	4,0
	Nylon	4,5-6,5	1,0-3,0	5,0	1,5	5,0	4,0
	Acrylic			1,0	1,5	1,0	4,0
합섬F Syn. F	Polyester			5,0	1,5-4,0	7,5-8,8	4,0
	Nylon	5,0-9,0	3,0-7,0	5,0			4,0
합섬방적사 Syn. Spin. Yarn		9,0	7,0	5,0	4,0	9,0-13,2	4,0
합섬직물 Syn. Fabric	SF 직물 SF Fabric	15,0	10,0	5,0	7,5-10,0	12,0-14,9	8,0
	F 직물 F Fabric	15,0	5,0-10,0	5,0	7,5-10,0	8,5-14,9	8,0
면사 Cotton Yarn		0,0	7,0	5,0	4,0	3,7-12,0	4,0
면직물 Cotton Fabric		15,0-25,0	10,0	5,0	7,5-10,0	6,5-15,5	8,0
모사 Wool Yarn		5,0	1,0	5,0	7,5	6,0	3,8-4,0
모직물 Wool Fabric		15,0	1,0	5,0	10,0	25,0	8,0
의류 Apparel		25,0	15,0	30,0	10,5-12,0	6,1-32,0	12,0