

15th ACFIF Conference

The Current Status of Chemical Fiber Industry in Korea

May 14th, 2026



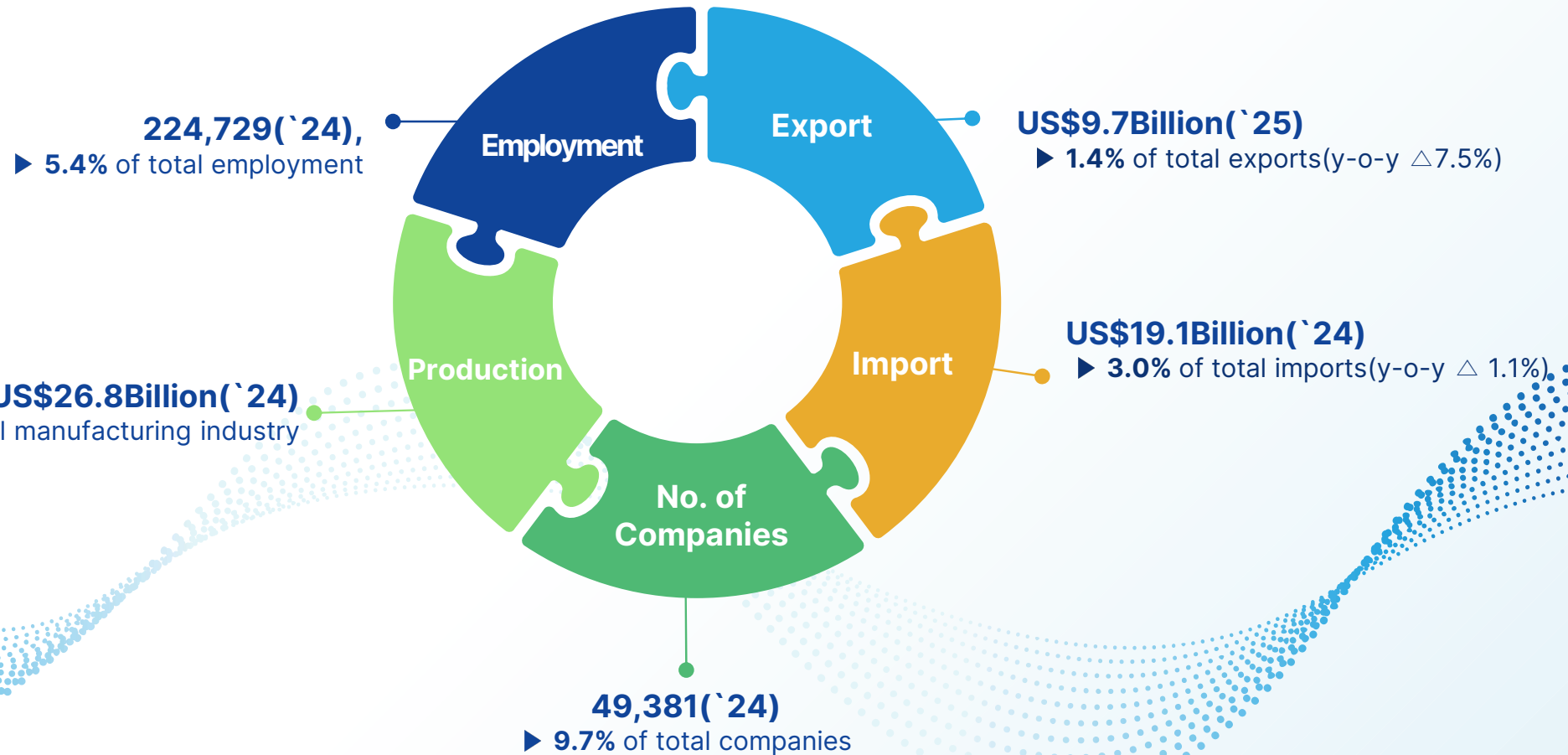
Korea Chemical Fibers Association

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Overall Condition of Textile Industry

Key Indicators of Textile & Apparel Industry



- Source : KITA(Korea International Trade Association), KOSIS(Korea National Statistical Office)
- The amount of production is based on businesses with more than 10 employees

Export & Import of Textile & Apparel

(Unit : Mil. USD, Thousand Ton)

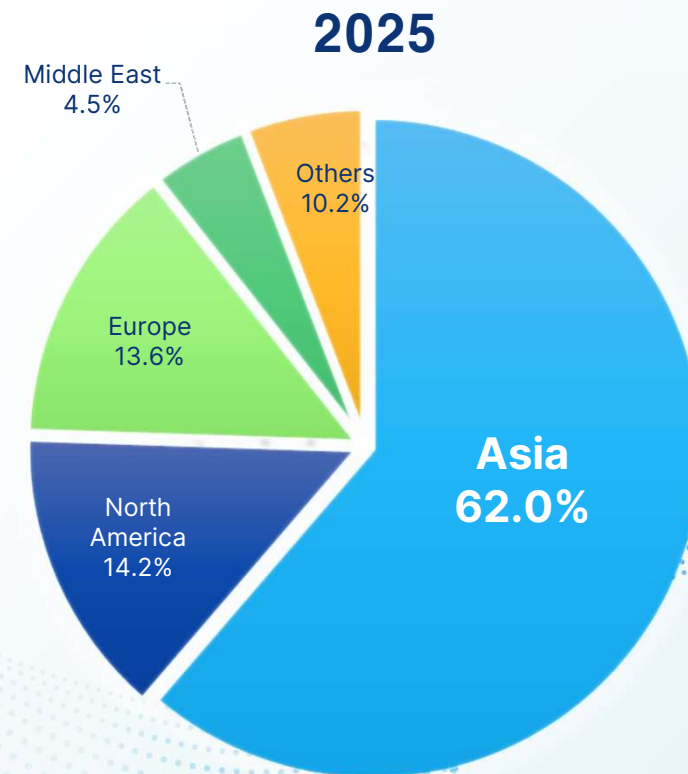
	2024				2025			
	Export		Import		Export		Import	
	Value	Volume	Value	Volume	Value	Volume	Value	Volume
Total	10,478	2,012	19,259	2,388	9,679	1,867	19,048	2,386
Chemical Fiber	1,955	926	1,302	663	1,727	834	1,253	661
Staple Fibers	1,047	693	188	52	945	625	190	59
Polyester SF	674	562	17	15	582	499	23	21
Acrylic SF	73	34	6	1	95	38	10	2
Filament Yarn	907	233	1,113	611	781	210	1,063	602
Polyester F	286	131	463	340	240	109	427	343
Nylon F	193	16	228	64	194	18	210	63
Spandex	106	14	45	10	91	13	37	10
Fabric	5,095	584	2,058	460	4,629	539	2,112	457
Woven F. of Synthetic FY	1,288	127	158	31	1,135	116	156	32
Woven F. of Synthetic SF	224	17	224	42	177	15	212	40
Knitted Fabric	1,714	217	113	21	1,469	192	113	23
Textile Product	3,324	485	15,248	1,075	3,241	479	15,106	1,095
Apparel	1,927	71	12,972	548	1,924	70	12,791	555

- Source : KITA(Korea International Trade Association)

Export of Textile & Apparel by Country

(Unit : Mil. USD)

Country	2023	2024	2025	y-o-y(%)
Vietnam	2,203	2,151	1,940	△9.8
China	1,482	1,450	1,395	△3.8
US	1,440	1,356	1,288	△5.0
Indonesia	656	694	650	△6.4
Japan	578	542	554	2.1
Türkiye	376	328	275	△16.0
India	210	205	200	△2.4
UAE	184	199	171	△14.5
Italy	193	183	178	△2.9
World Total	10,915	10,463	9,679	△7.5

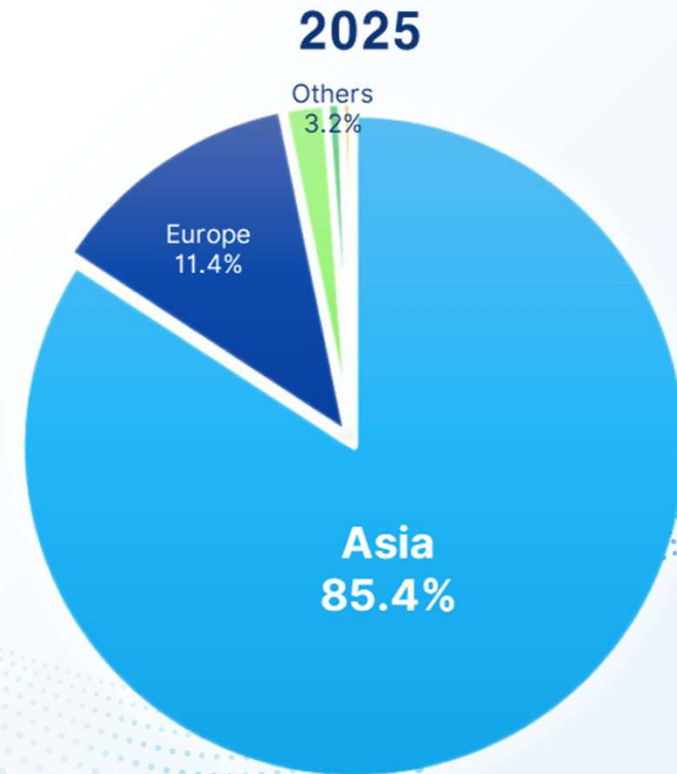


- Source : KITA(Korea International Trade Association)

Import of Textile & Apparel by Country

(Unit : Mil. USD)

Country	2023	2024	2025	y-o-y(%)
China	7,468	7,983	8,501	6.5
Vietnam	4,510	4,627	4,249	△8.2
Italy	1,321	1,151	1,038	△9.8
Indonesia	692	686	677	△1.4
Bangladesh	575	625	545	△11.2
Japan	514	529	587	11.1
Myanmar	435	465	484	4.3
US	358	363	344	△5.1
India	337	357	333	△6.9
Cambodia	214	212	206	△2.8
World Total	18,876	19,261	19,048	△1.1



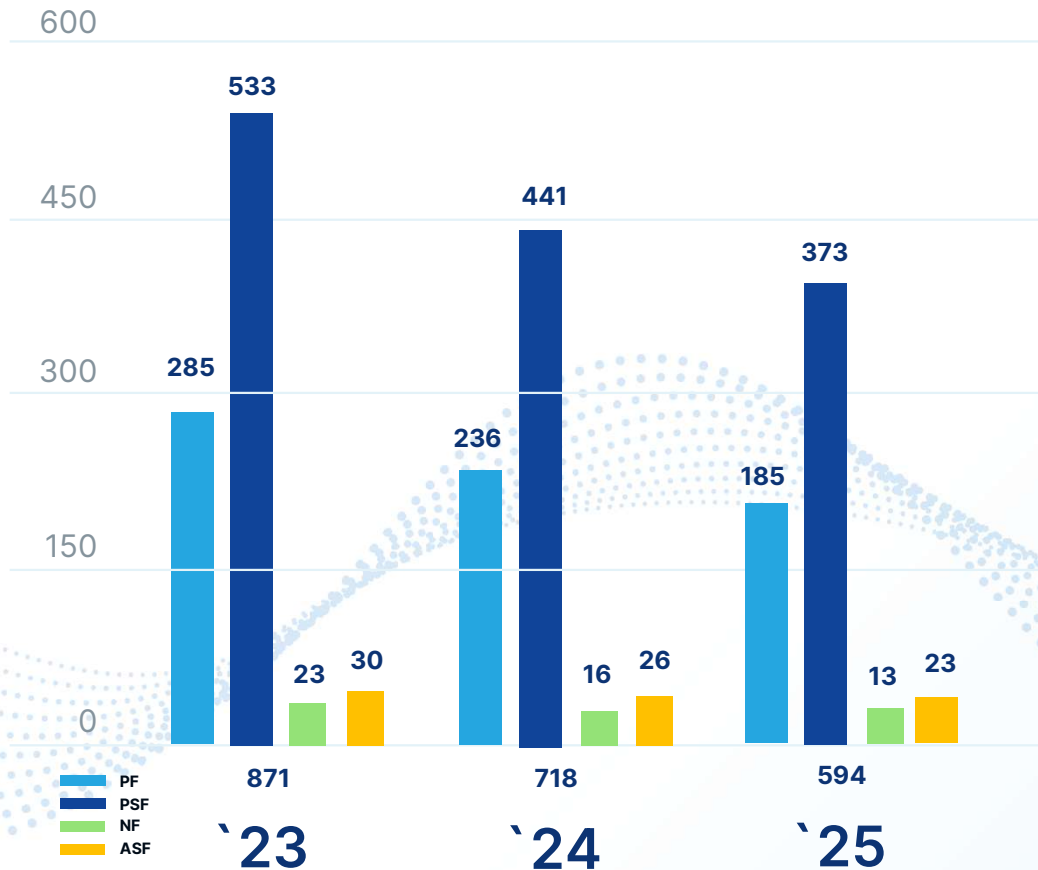
- Source : KITA(Korea International Trade Association)

Current Status of Chemical Fiber Industry

Statistics for Chemical Fibers

⚙️ Production

(Unit : Thousand Ton)



- Production in 2025 was **594 thousand tons**, decreased by **17.2% YoY**.
- PF, PSF, NF and ASF decreased by **21.5%**, **15.3%**, **16.9%** and **10.2%** respectively compared to the previous year.

- Source : Based on the statistics from member companies

Statistics for Chemical Fibers

⚙️ Shipment

(Unit : Thousand Ton, %)

	Production	Shipment			
		Domestic	Export	Total	YoY
PF	185	109	77	186	△21.5
PSF	373	105	270	375	△15.7
NF	13	9	3	12	△29.4
ASF	23	1	24	25	△7.6
Total	594	224	374	598	△17.6

- Shipment in 2025 was **598 thousand tons**, lowered by **17.6% YoY**.

* Domestic : **224** thousand tons (△ 17.6%)

Export : **374** thousand tons (△17.5%)

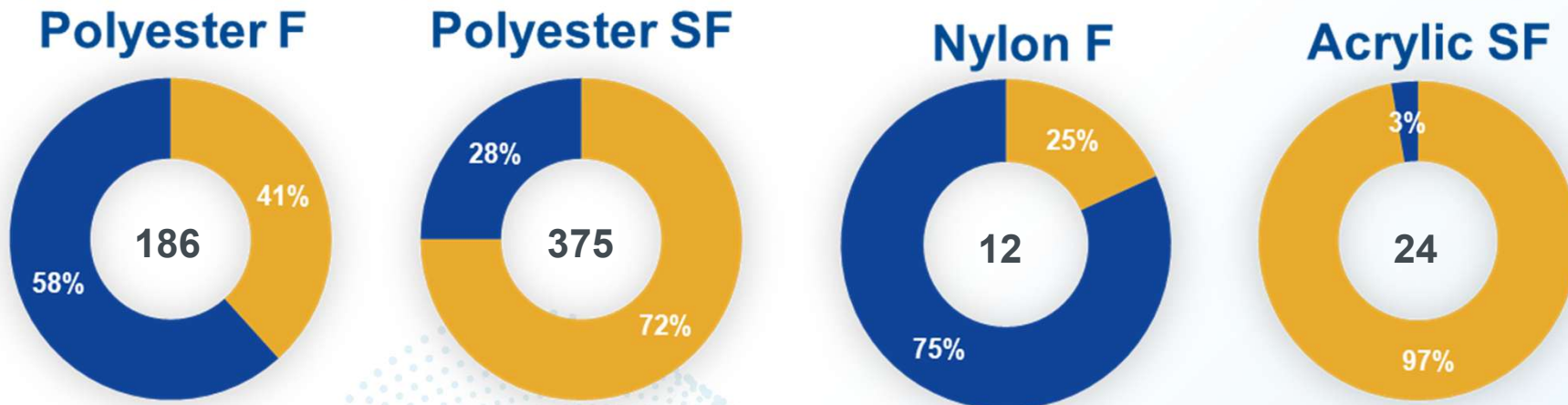
- PF, PSF, NF and ASF decreased by **21.5%, 15.7%, 29.4% and 7.6%** respectively.

Statistics for Chemical Fibers

Percentage in Domestic/Export by Item(`25)

Export Domestic Shipment

(Unit: thousand ton, %)

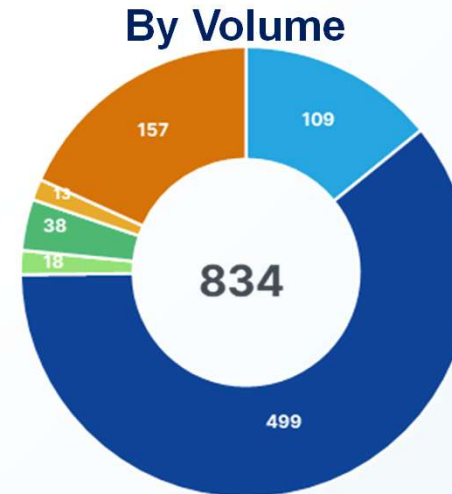
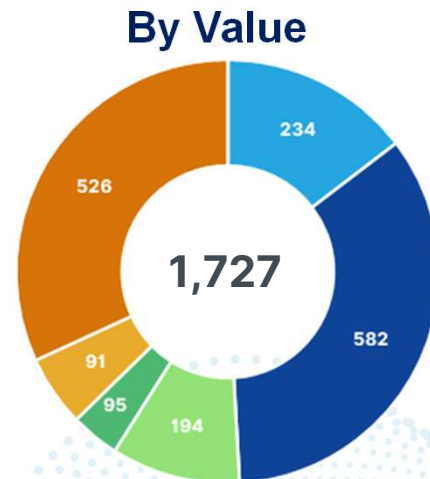


- Percentage of domestic shipments accounted for 37.4% of total shipments and decreased by 17.6% YoY, and the export was 62.6%, declined by 17.5%.
- While PF/NF were focused on domestic shipment, PSF/ASF were driven by export.

Statistics for Chemical Fibers

Export of Chemical Fiber by Products(`25)

(Unit : Mil. USD, Thousand Ton)



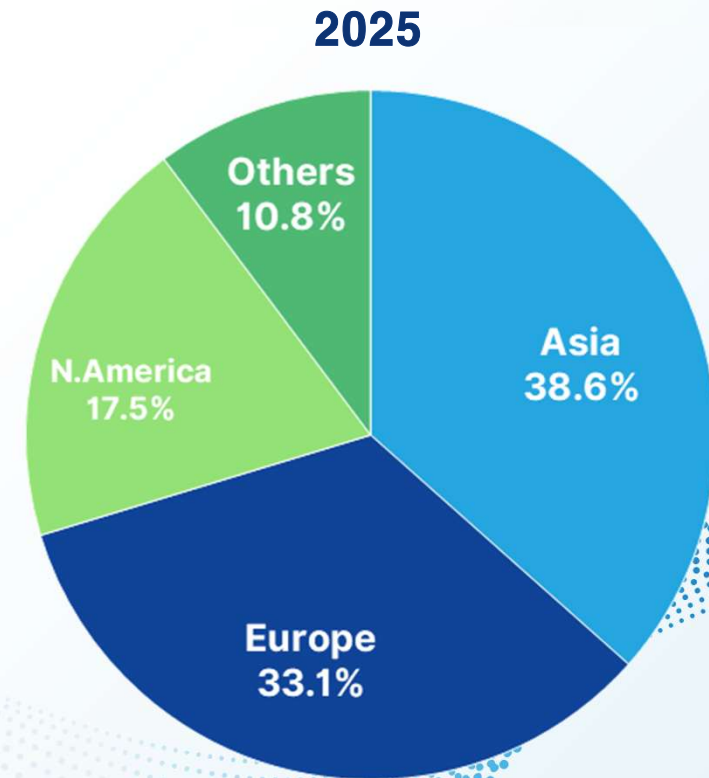
- Korea's chemical fiber exports amounted to **USD 1,727 million** in value and **834 thousand tons** in volume, **down 11.7% and 9.9% YoY**, respectively.

Statistics for Chemical Fibers

Export of Chemical Fiber by Major Countries

(Unit : Mil USD, %)

Country	2023	2024	2025	y-o-y
US	427	366	289	△21.1
China	240	302	207	△10.6
Türkiye	203	173	140	△19.1
Vietnam	114	112	97	△12.9
Japan	102	95	106	11.5
Indonesia	91	92	105	13.5
Italy	96	91	84	△7.7
Germany	75	66	63	△3.9
Poland	59	57	54	△4.9
World Total	2,216	1,955	1,727	△11.7

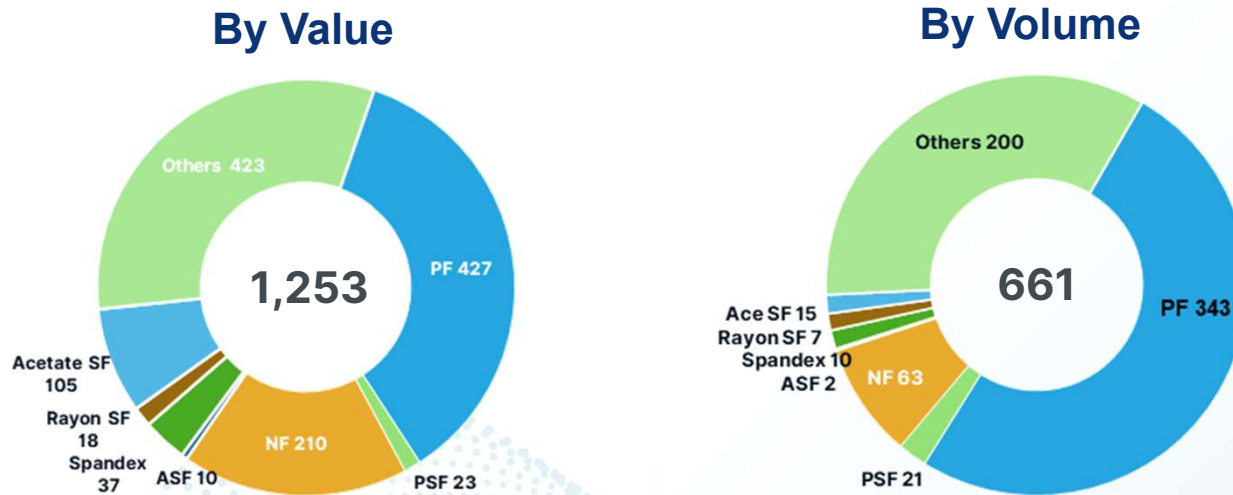


- Note : World Total includes other countries

Statistics for Chemical Fibers

⚙️ Import of Chemical Fiber by Products(`25)

(Unit : Mil. USD, Thousand Ton)



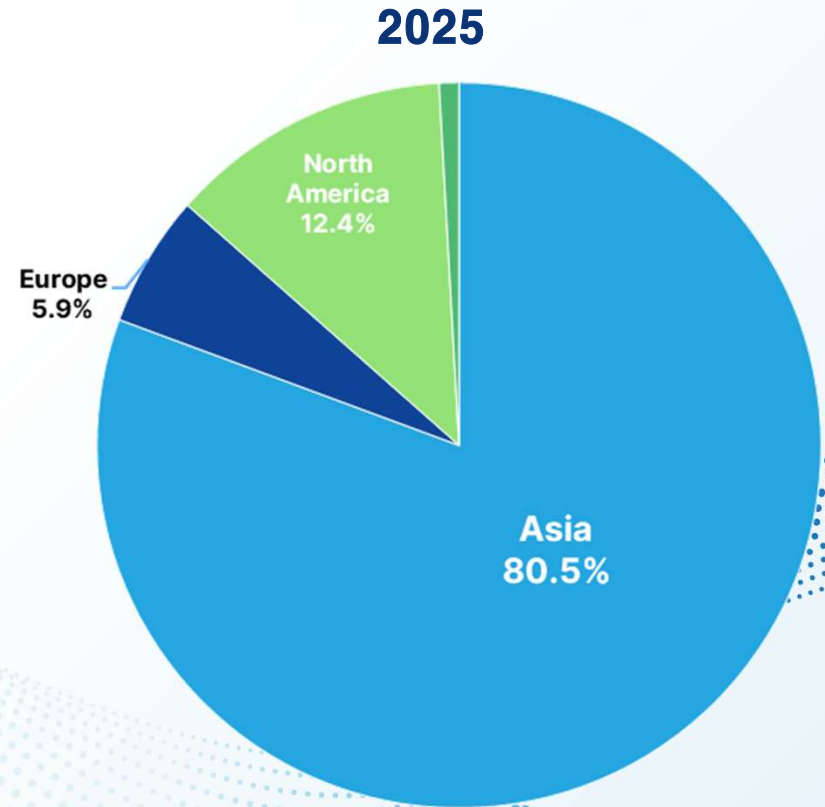
- Korea's chemical fiber imports amounted to **USD 1,253 million** in value, **down 3.8% YoY**, while import volume **increased by 0.4% YoY to 661 thousand tons**.

Statistics for Chemical Fibers

⚙️ Import of Chemical Fiber by Major Country

(Unit : Mil USD, %)

Country	2023	2024	2025	
				y-o-y
China	670	680	665	△2.2
US	162	164	155	△5.5
Vietnam	152	148	125	△15.5
Japan	132	125	134	7.2
Malaysia	42	31	26	△15.6
India	20	28	21	△26.7
Germany	22	21	19	△10.8
World Total	1,308	1,302	1,253	△3.8



- Note : World Total includes other countries

Statistics for Advanced Fibers

(Unit : Ton)

CAPACITY	2014	2025	Expansion Plan
Carbon Fiber	4,200	13,700	5,800 Ton by 2026
Para Aramid	7,500	20,100	3,500 Ton by 2026
Meta Aramid	3,600	6,400	
PPS Fiber	5,000	5,000	
Total	16,100	45,200	

- Source : Based on member companies

(Unit : Mil. USD, Ton)

		2010		2015		2020		2025		Y-o-Y (2010 to 2025)	
		Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume
Carbon Fiber	Export	22,037	562	107,205	5,427	88,739	4,714	160,044	6,602	381.2	1074.7
	Import	67,695	2,830	97,476	2,578	72,438	2,940	73,307	2,442	8.3	△13.7
Para Aramid	Export	43,747	2,037	71,442	3,699	134,832	6,124	157,485	10,494	260.0	415.2
	Import	6,564	257	8,400	387	5,348	181	5,964	317	△9.1	23.3
Meta Aramid	Export	4,164	743	22,851	1,915	43,895	3,007	52,884	4,007	1170.0	439.3
	Import	5,228	290	7,953	421	6,347	327	9,104	571	74.1	96.9

- Source : KITA(Korea International Trade Association)

Efforts For *Sustainable Growth* in Korea



Efforts to Develop Eco-friendly Materials

- Developing F to F Technology Beyond B to C
- Developing natural fiber materials moving beyond petroleum-derived materials
- Developing bio-degradable materials and expanding their applications



Transition to high-function/high-value products

- Expanding business areas from apparel to high-functional clothing and industrial materials.
- Maintaining and strengthening the top products and opening up markets for advanced materials
- Expanding markets for Aramid, Carbon Fiber, PPS
- Tire cord, Spandex, LMP



Market expansion through supply chain structure improvement

- limitations of global supply chains due to recent protectionist policies and geopolitical instability
- Seeking ways to stabilize domestic material supply chains in the event of a crisis
- Expanding the domestic market and strengthening material self-reliance

Carbon Neutrality Response

- Establishment and Response to 2030 and 2050 Carbon Reduction Targets
- Currently establishing a framework to achieve carbon reduction targets for the domestic synthetic fiber industry and respond to global carbon regulations
- For information regarding carbon neutrality, please refer to the Korean side's special theme presentation tomorrow.



Thanks!

