

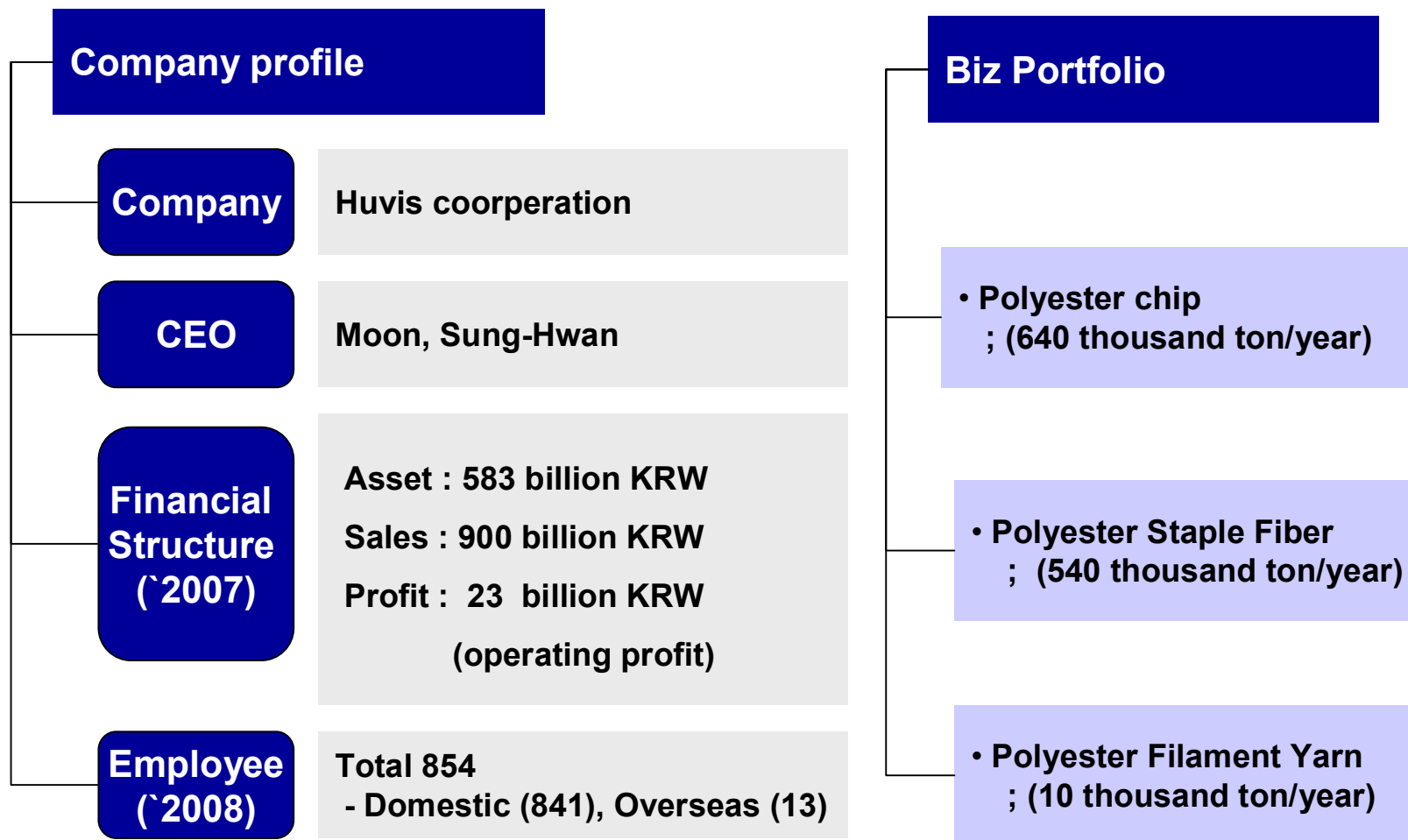


Welcome to Huvis World

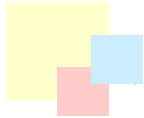
Come & Grow with Us



Huvis Profile

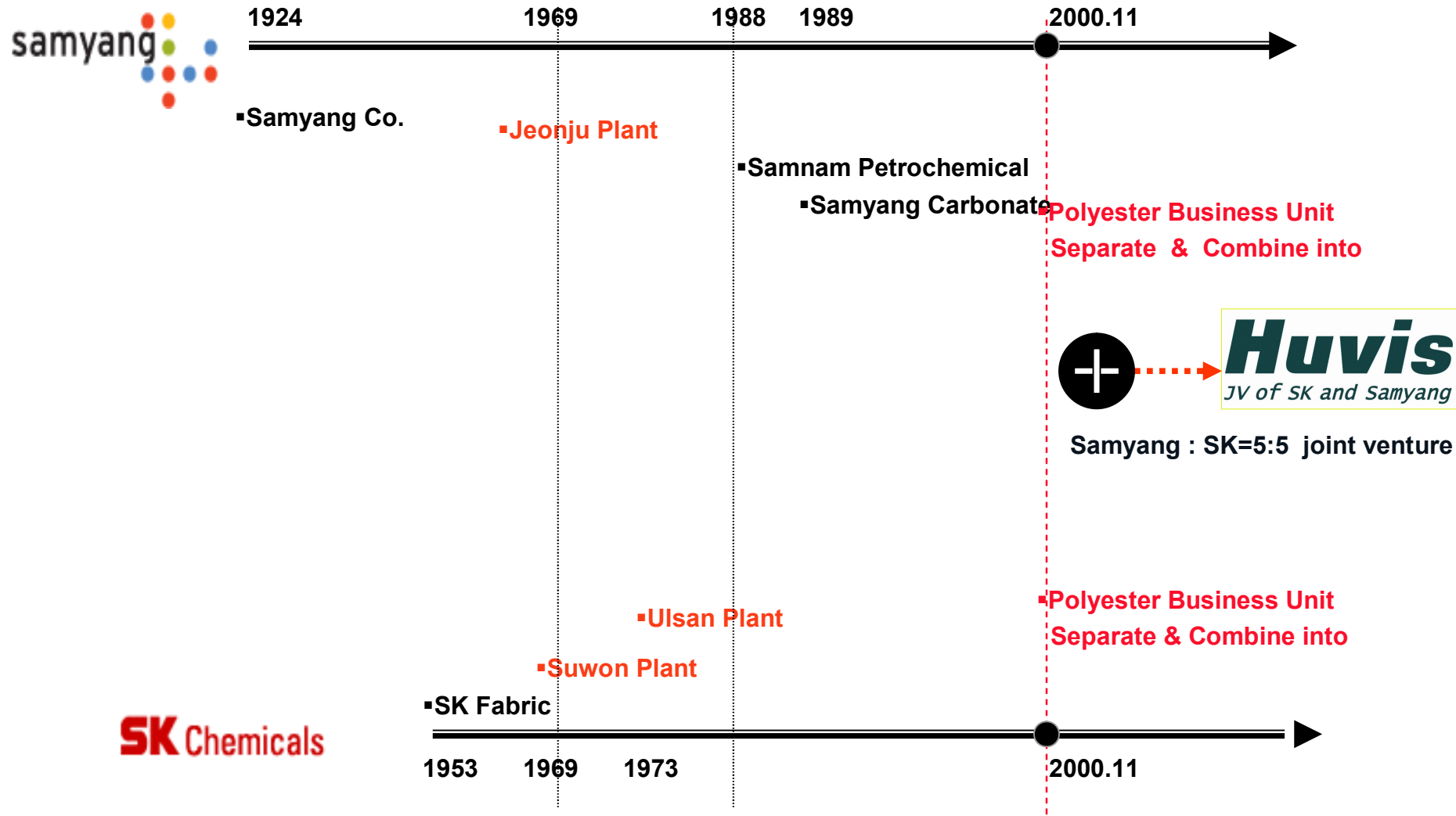


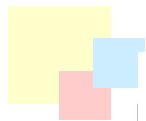
KRW : Korean Won(₩)



History of Huvis

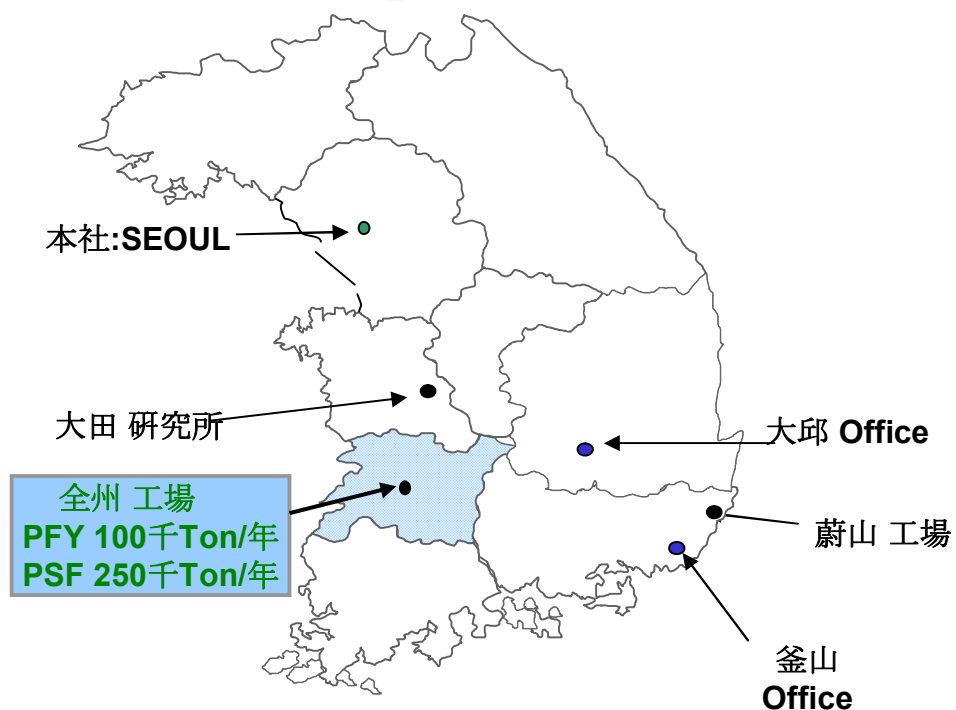
- Polyester No. 1 in Korea , No. 8 worldwide





Huvis Overview in Korea & China

Domestic



Global





Huvis position in World

- Polyester No. 1 in Korea , No. 8 worldwide

Staple fiber

Filament

Total

(thousand ton / year)

Company	Capacity
1 Sangfang Xiang	800
2 Yi Zheng	800
3 Reliance	662
4 Huvis	540
5 NanYa	410
6 YuanDong	400
7 Ibrahim	390
8 Far Eastern	372
9 Tuntex	324
1 Wellman	315
0	

310 players

Company	Capacity
1 Rongsheng	680
2 Hualon	661
3 Reliance	636
4 Yizheng	600
5 Nan Ya	575
6 Tongkun	540
6 Hengyi	540
8 Zhongheng	400
8 Hengli MMF	400
10 Toray	372
11 Yuandong	360
50 Huvis	100

650 players

Company	SF	FY	TTL
1 Yizheng	600	800	1,400
2 Reliance	636	662	1,298
3 Nan Ya	575	410	985
4 Sanfangxiang	0	800	800
5 Far Eastern	338	372	710
6 Rongshen	680	0	680
7 Hualon	661	0	661
8 Huvis	540	100	640
9 Tuntex Distinct	324	254	578
10 Hengyi	540	0	540

※ data source : PCI 2007~2008 "Fibers Report",

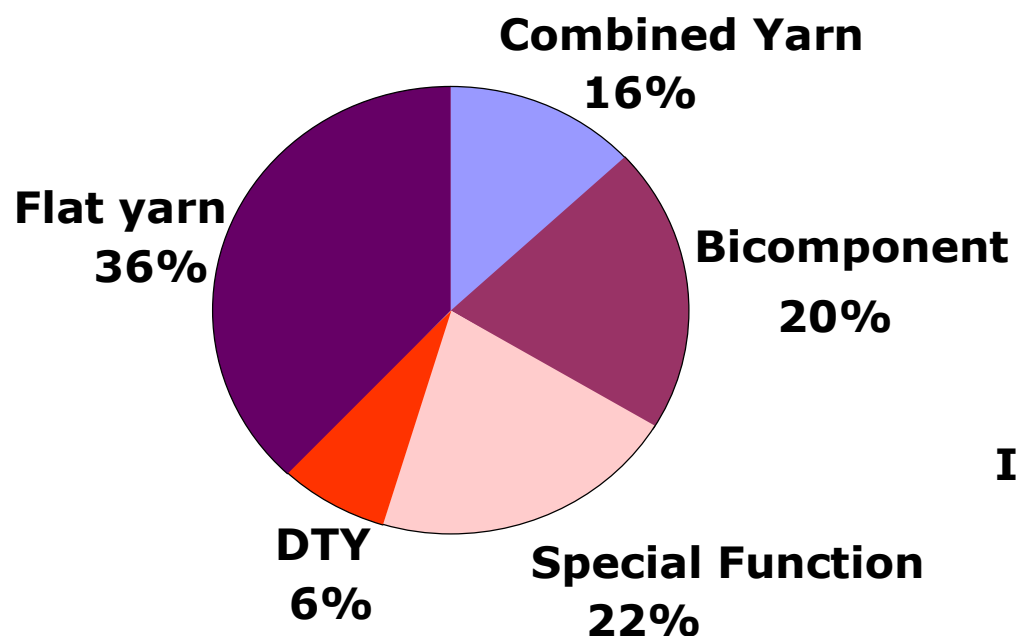


Production Capacity

	Product Scope	Capacity
Korea	Polyester Staple Fiber	400,000 MT/Y
	Polyester Filament	100,000 MT/Y
	Polyester Chip	540,000 MT/Y
China	Polyester Staple Fiber	140,000 MT/Y
	Polyester Chip	100,000 MT/Y

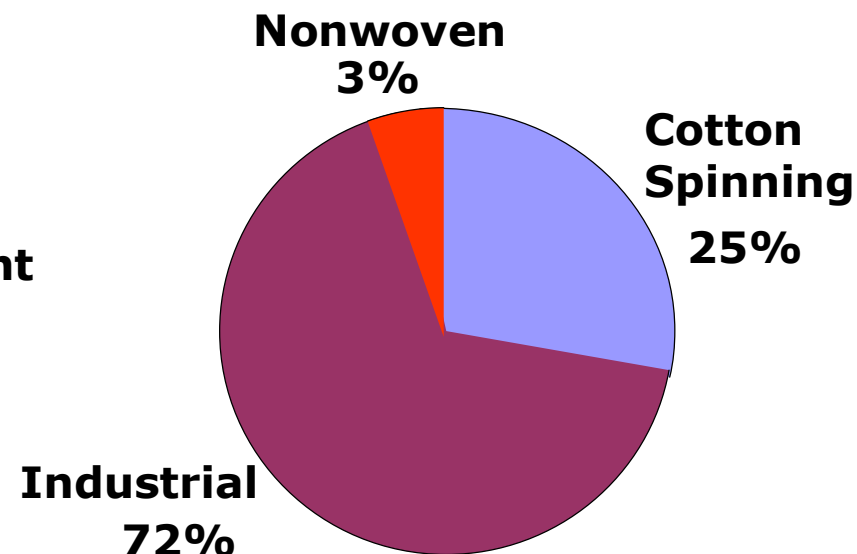
Applications of Huvis Products

Filament : 100,000 MT/year



Over 60% products of Filaments have special features

Staple Fiber : 540,000 MT/year



Low melting fiber is world No 1 product

Filament Portfolio on Application

ECO-Products



- **INGEO**
- **ECOEVER**
- **COY/MINA**
- **MEMORY**
- **ZENTRA**
- **ESPOL-stretch**

Casual



- **RENOVA**
- **CEY**
- **SSY/FISTO**
- **VICHE**

Active Sports



- **XN**
- **COOLEVER**
- **MIRAWAVE**
- **IVY**

Interior



- **ZEROXY**
- **LOMELA**
- **GENTOS**
- **LNY**
- **A-10**

→ **Specialized Products over 200 specifications are widely used in various applications such as Casual wear, Formal wear, Industry and Home textile.**

Staple Fiber Portfolio on Application

Spun Yarn



Functional

- A-10
- DO
- M10
- MIRAWAVE
- FLAT
- PCS
- ZeroXy

Nonwoven



SPECIAL

- DO
- MICRO
- NAPOLY
- THF
- Segment PIE
- Sea-island
- HS

Industrial



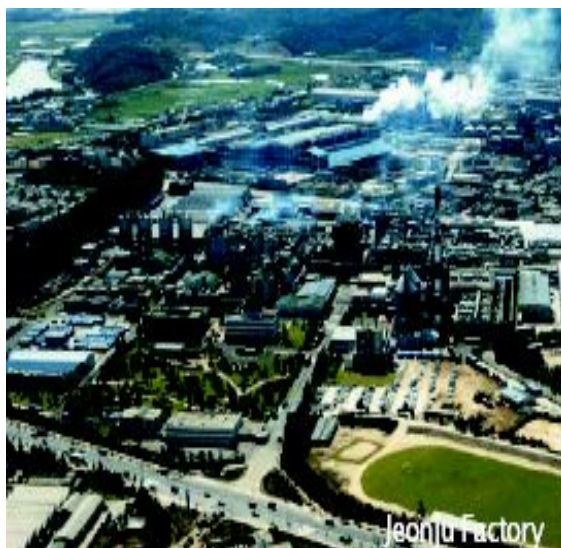
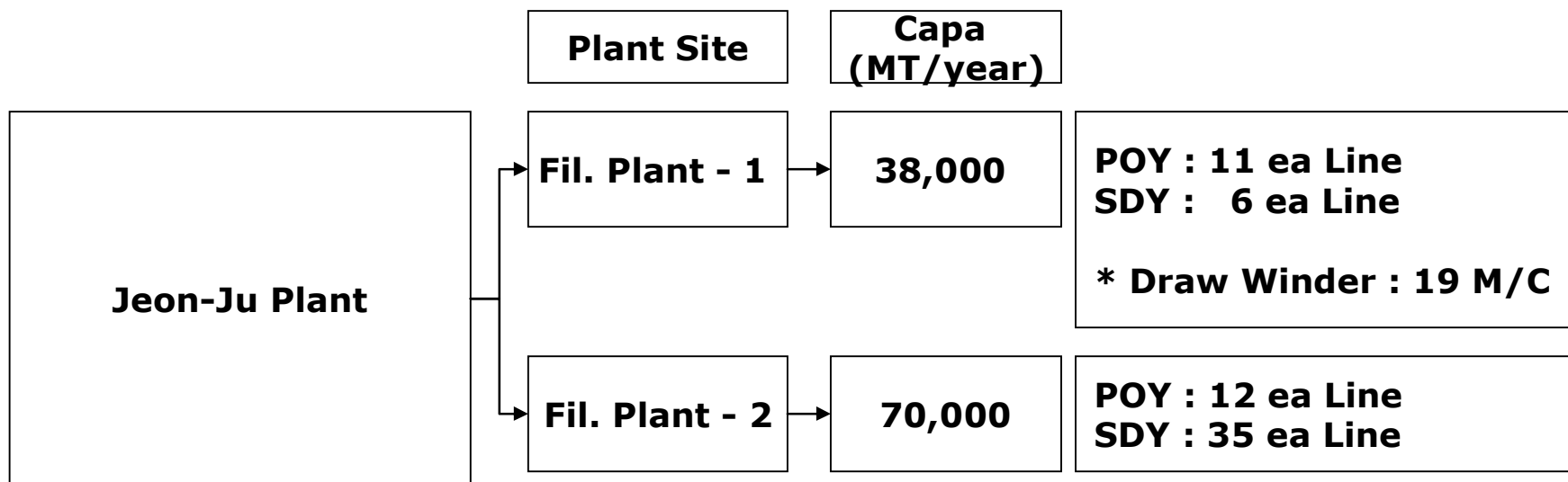
Functional

- CONJU
- LM
- O-LM
- Air-Fill

Regular

- RHF
- RHS
- RSF
- RSS

Huvis Plant Overview of Filaments

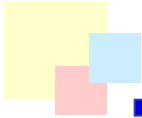


Chip spinning	Bi-Component	POY : 7ea, SDY : 8ea
	High-multi	POY : 3ea, SDY : 6ea
	General	POY : 9ea, SDY : 22ea
Direct spinning	General	POY : 4ea, SDY : 6ea

Overview of R&D Center

1) Panoramic View of Huvis R&D Center

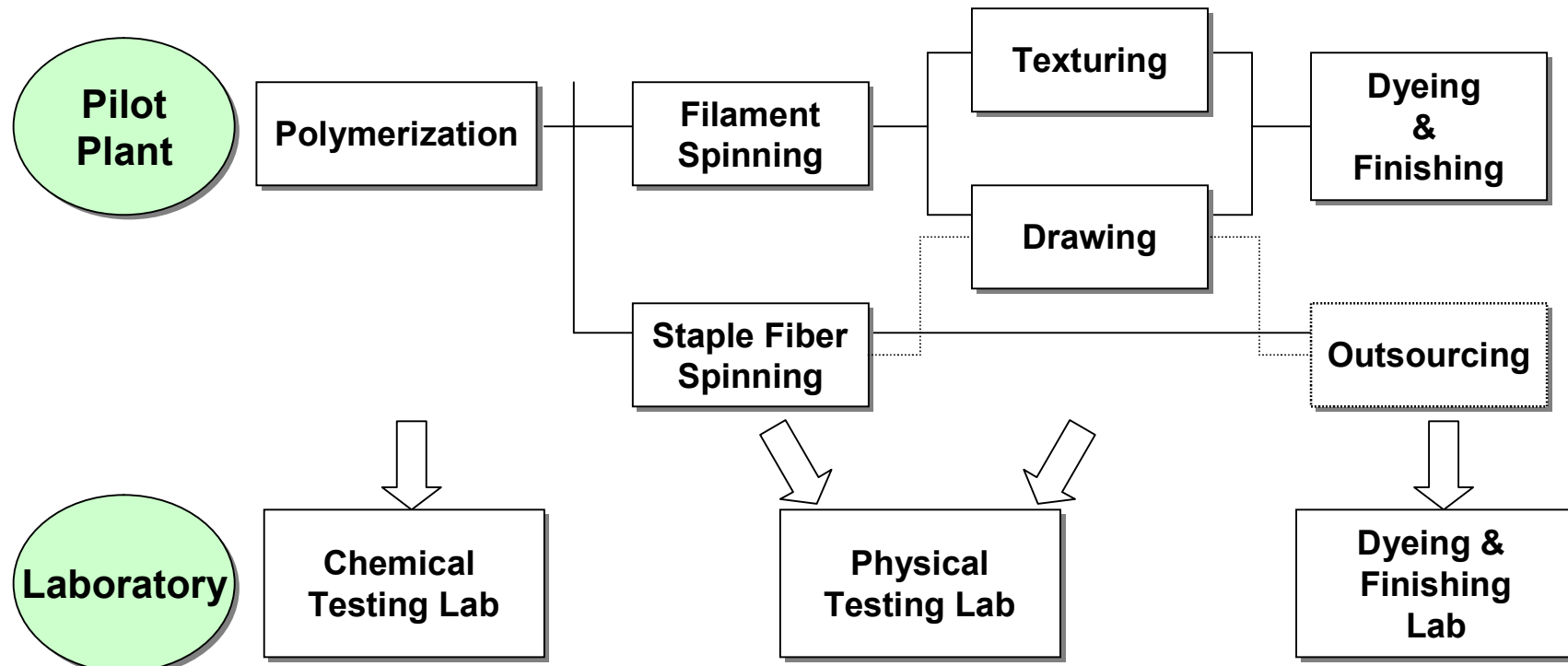




2) R&D Facilities

Activities

Vertically Integrated **from polymerization to fabric**
From raw materials to fabric, **1-week can be possible**
Technical Support **performs from fabrication to dyeing**

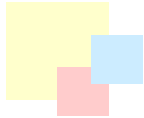




3) Overview of Pilot Plant

Polymerization	● 3 Reactors : 5L, 15L, 150L
Filament Spinning	● POY Spinning Machine (1 M/C) ● Spin-Draw Spinning Machine (2 M/C) ● High Speed Spinning Machine (1 M/C) ● Conjugate Spinning Machine (2 M/C)
Staple Fiber Spinning	● Staple Fiber Spinning Machine ● FMS (Flexible Manufacturing System) Spinning Machine ● Baby Carding Machine
Drawing	● Draw Twister (1M/C)
Texturing	● Draw Texturing (3M/C)
Dyeing & Finishing	● Pretreatment : Twisting, Sizing ● Weaving : Air-jet Loom, Water-jet Loom, Rapier ● Dyeing & Finishing : Relaxing ~ Final Setting ● Circular Knitting

END OF DOCUMENTS



History of Huvis

Samyang Corporation

- Established in 1924
- Multi-business corp.
 - Polyester Fiber
 - Food
 - Chemicals,
 - Sugar refinery
 - Pharmaceuticals etc.



SK Chemicals

- Established in 1969
- Multi-business corp.
 - Polyester Fiber
 - Acetate Fiber
 - Chemicals,
 - Pharmaceuticals etc.

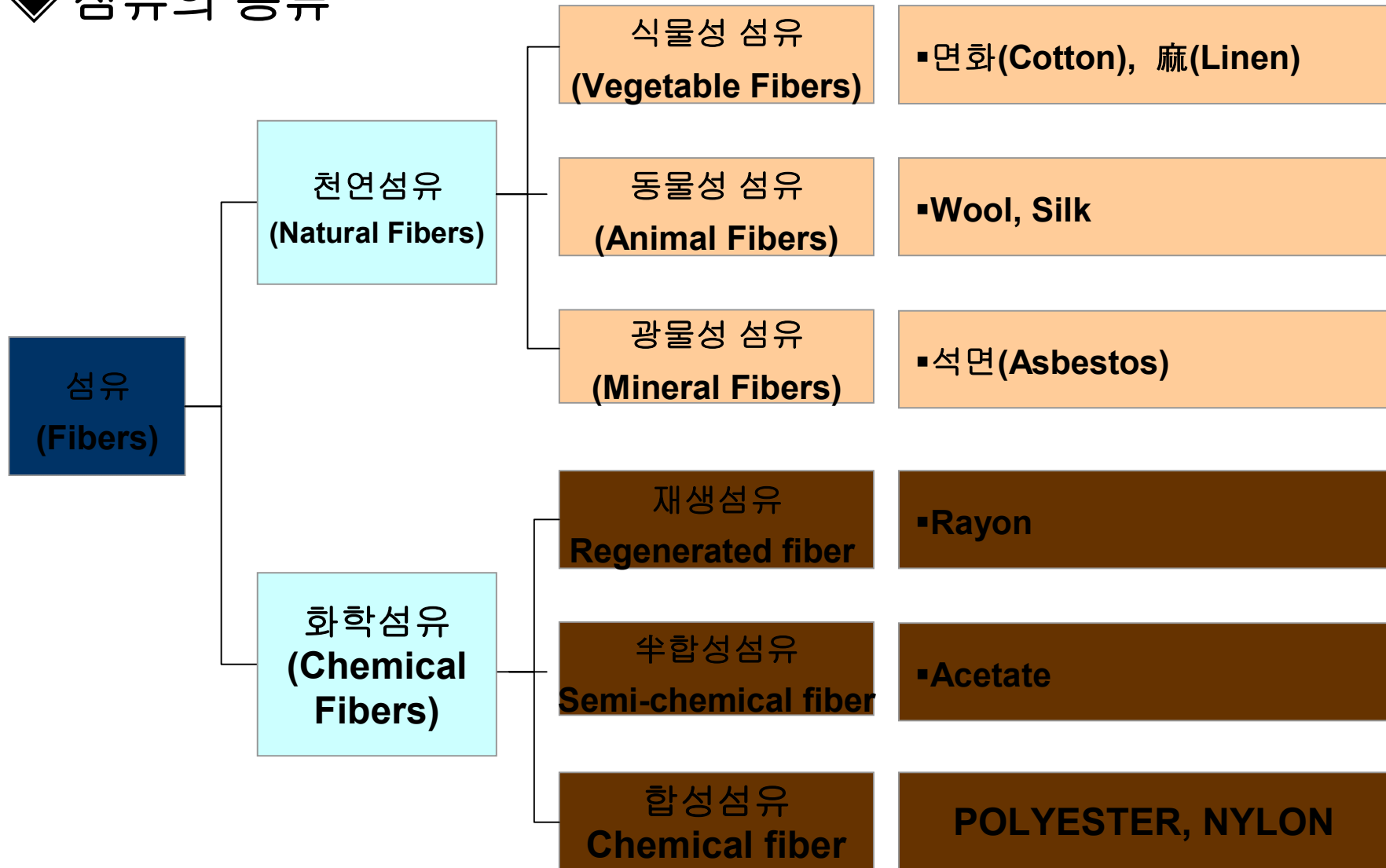
Combined Polyester Business
Unit of Both Company

Huvis

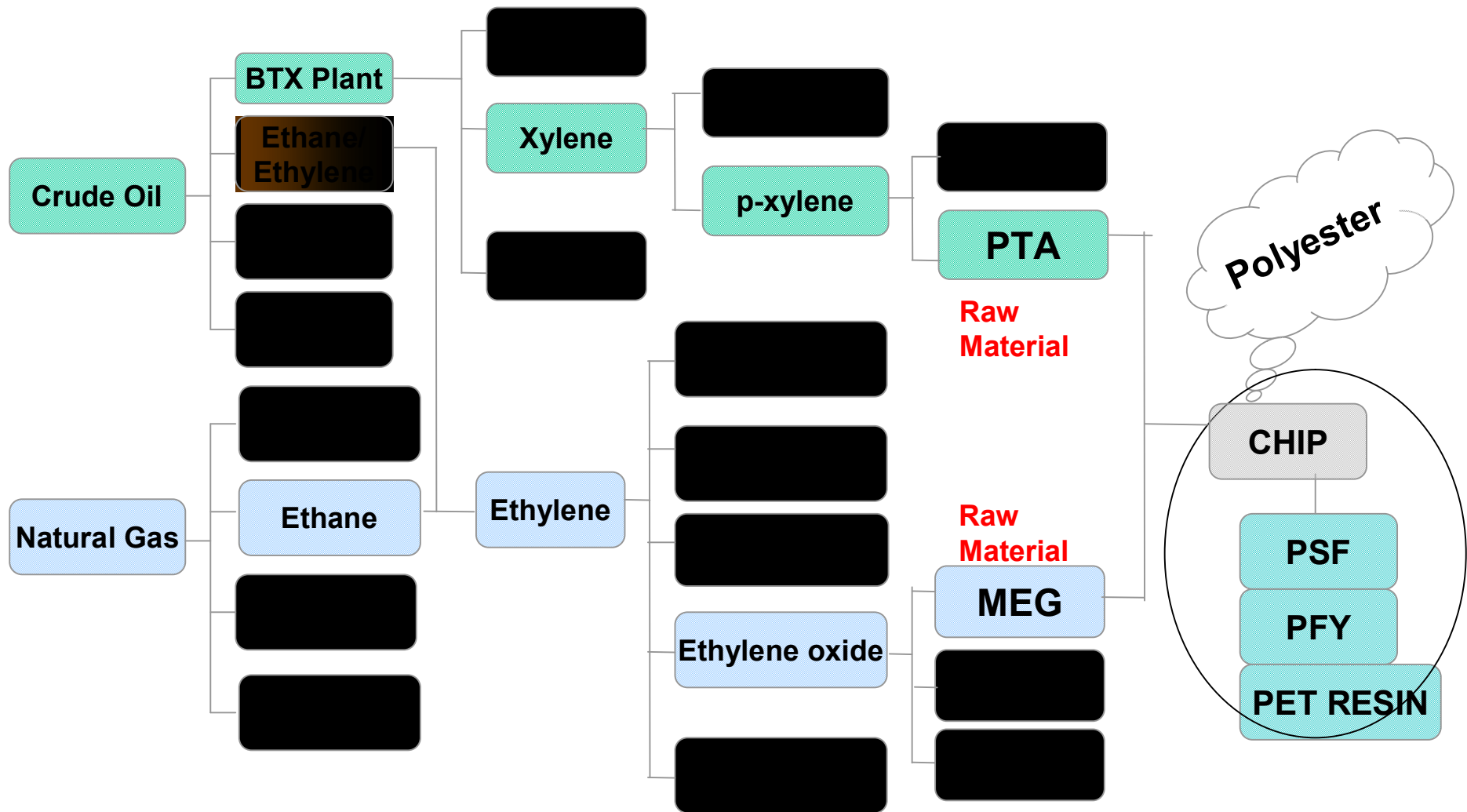
- Nov. 1, 2000 : Officially established
 - Specialized in Polyester Fiber & Yarn Business
 - Polyester Industry leader in the Korean Market

- Sep.1, 2004 : Construction of Polyester Staple fiber plant in Sichuan, China
- Jul.1, 2006 : Construction of Draw Texturing Plant & Dyeing Plant in Hangzhou, China

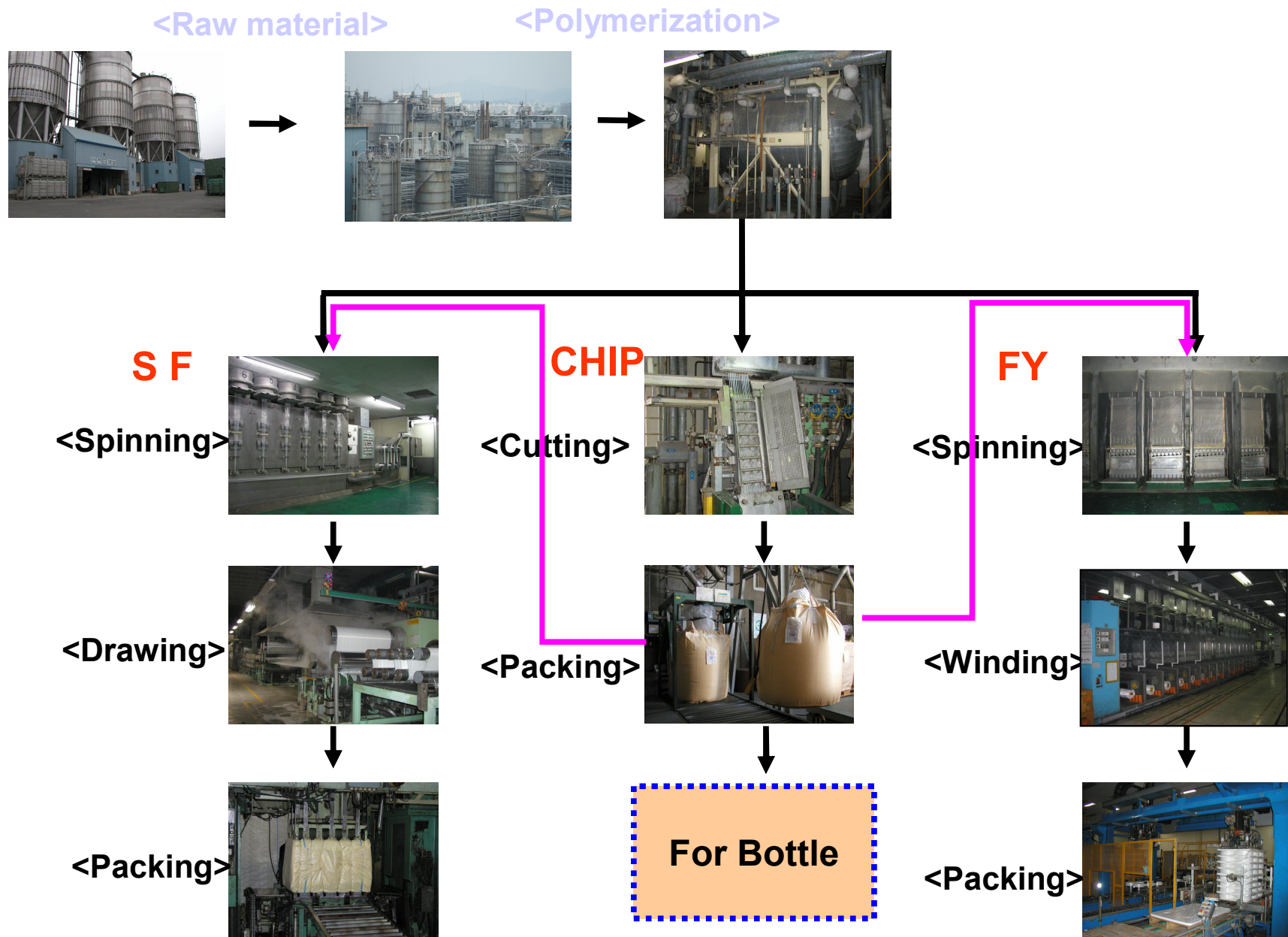
◆ 섬유의 종류



◆ Process flow from Crude Oil



Process Flow for Polyester manufacturing



Huvis Products Portfolio of Filaments

Tailoring suit



- RENOVA Series
- MGY
- MKY-1, 2
- MOXIE
- CEY-2, 3
- JUNE-1,2
- LNY-1,2,3
- RPY

Interior/ Toy



- ISOL
- PN
- NCD
- GENTOS
- PUD/ PUB
- SDF

Casual/ Functional



- COOLEVER
- MIRAWAVE
- SSY
- PWY
- LOMELA
- NOSPA
- Full Dull
- HTD

Special Polymer



- Memory
- ESPOL Stretch
- XN
- A-10
- A-1/Viche
- Broya
- Zeroxy

→ *Specialized Products over 200 specifications are widely used in various applications such as Casual wear, Formal wear, Industry and Home textile.*