

6,300 TPY DRY SPINNING SPANDEX PLANT FOR SALE

Capacity

6,300 TPY

Year built

1994

Products

Spandex in denier range of 10 – 1680.

Major Equipment

- Pre-polymer reactor
- Polymer reactor
- Spinning cells
- Warpors
- Solvent distillation skid
- Solvent condenser
- Winder
- 3500 KVA transformer



BRIEF PROCESS DESCRIPTION

The first step is to produce the prepolymer. This is done by mixing a macroglycol with a diisocyanate monomer. The prepolymer is further reacted with an equal amount of diamine. The spinning solution is pumped into a cylindrical spinning cell where it is cured and converted into fibres. As the fibres exit the cell, an amount of solid strands are bundled together to produce the desired thickness. The resulting fibres are then treated with a finishing agent which can be magnesium stearate or another polymer. When the spools are filled with fibre, they are put into final packaging and shipped to textile manufacturers.

CONTACT US FOR MORE DETAILS

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