

Project show



The Technology for Converting PET Scraps to Textiles

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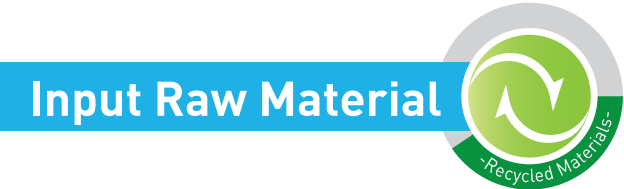
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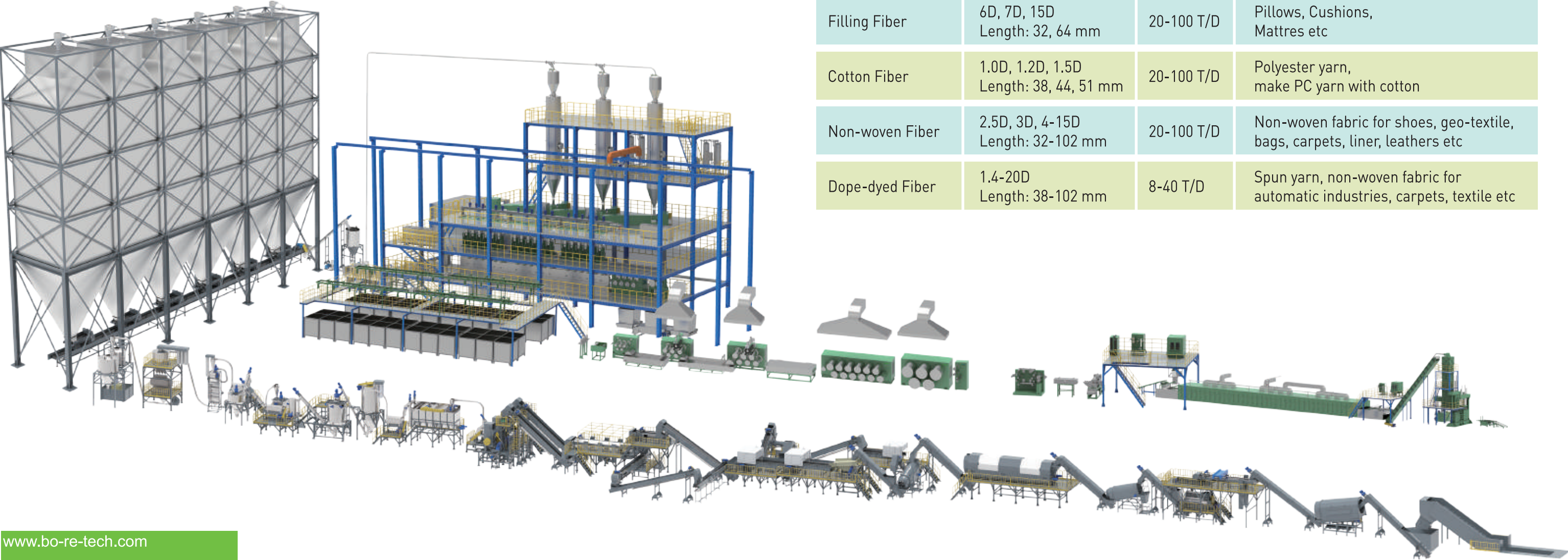
Turnkey Project Supply to Ensure the Success of the Project

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Total Solution for Post-consumer PET Bottles to Polyester Staple Fiber



Consumed PET Bottles, PET Flakes, PET Lumps, PET Strap, Fiber Waste, Off-grade Chips

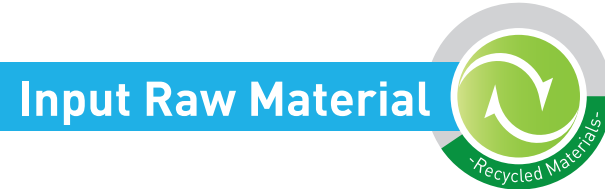


Fiber Specification

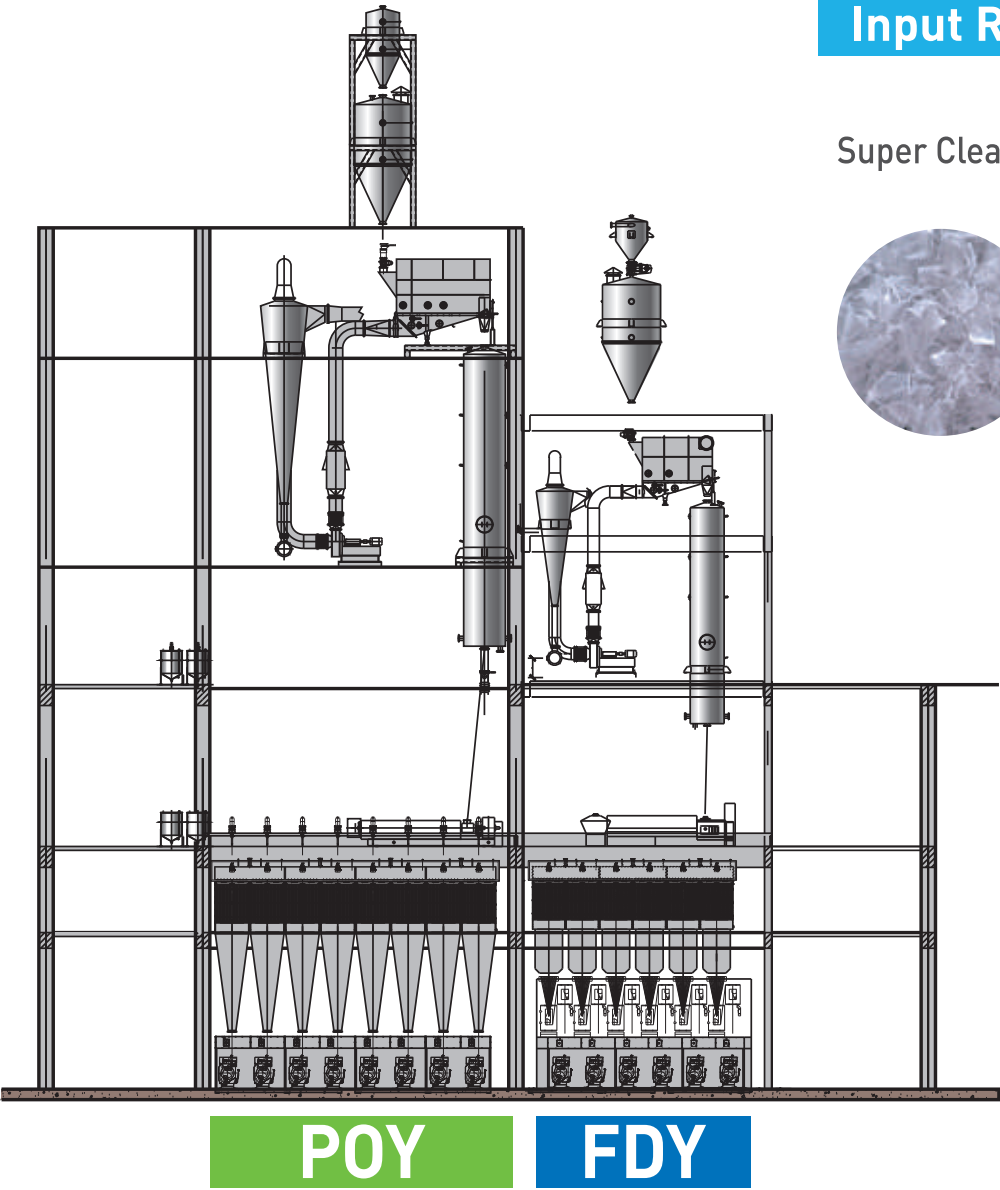
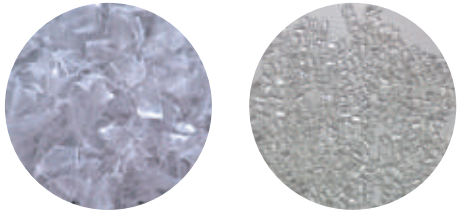
Fiber Type	Specification	Capacity	Application
Filling Fiber	6D, 7D, 15D Length: 32, 64 mm	20-100 T/D	Pillows, Cushions, Mattres etc
Cotton Fiber	1.0D, 1.2D, 1.5D Length: 38, 44, 51 mm	20-100 T/D	Polyester yarn, make PC yarn with cotton
Non-woven Fiber	2.5D, 3D, 4-15D Length: 32-102 mm	20-100 T/D	Non-woven fabric for shoes, geo-textile, bags, carpets, liner, leathers etc
Dope-dyed Fiber	1.4-20D Length: 38-102 mm	8-40 T/D	Spun yarn, non-woven fabric for automatic industries, carpets, textile etc

rPOY / rFDY Production Line

Capacity: 10 ton/day at a minimum
Fiber Specification: 75 D - 500 D



Super Clean rPET Flakes, rPET Chips



Flow chart

Feeding Flakes → Continuous Drying/Semi-continuous Drying → Extrusion → Filtration →
(Homogenization) → Spinning → Quenching → Oiling → Winding → POY Filament
↳ Gedot Roller → Winding → FDY Filament