

Technical Data Sheet

POLYESTER FIBERS Regular Shrink, Regular Tenacity

General Description: A manufactured fiber in which the fiber-forming substance is a long-chain synthetic polymer composed of at least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units and parasubstituted hydroxybenzoate units.

Standard Cut Lengths: 1/8", 1/4", 1/2", 3/4", and 1"
(3mm, 6mm, 12mm, 19mm, and 25mm)
Other lengths available upon request.

Standard Filament Sizes (denier per filament):	0.5	0.7	1.0	1.5	3.0
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Moisture Content (%):	<33.0	<3.0	<3.0	<33.0	<3.0
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Moisture Regain: 0.4%

Specific Gravity (g/cm³): 1.38

Effect of Heat: Sticks at 440 to 445°F. Melts at 480 to 500°F.
Yellowes slightly at 300°F when held for 5 hours.

Chemical Reactivity: Good resistance to acids. Not resistant to strong alkalis. Good resistance to organic solvents.

Dispersion: Easily dispersed in aqueous and non-aqueous systems. Surface treatment to aid dispersion applied as required.

Packaging: Fiber is packaged in corrugated boxes with polyethylene liners. Custom packaging available upon request.