

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 Filament Sizes (denier per filament):	0.5	1.5	3.0
Standard Cut Lengths:	4mm, 6mm	3mm, 6mm, 12mm	6mm

Other lengths may be available upon request.

Shrinkage, (%): Data not available.

Breaking Tenacity (gpd): Data not available.

Elongation at Break (%): Data not available.

Moisture Content: <33.0%

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.