

Technical Data Sheet

POLYESTER FIBERS Regular Shrink Product Code Prefix: PSSTD-060NRH

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: 6.0 denier per filament (dpf)

Standard Cut Lengths: 1/8", 1/4", 1/2", 3/4", and 1"
(3mm, 6mm, 13mm, 19mm, and 26mm)
Other lengths available upon request.

Shrinkage, Hot Air, 180°C, 2 min (%): ~6.5%

Breaking Tenacity (gpd): ~9.0

Initial Moisture Content (%): <3.0%

Average Moisture Regain of Polyester (%): <1.0%

Specific Gravity (g/cm³): 1.38

Effect of Heat: Sticks at 440 to 450°F. Softens at 464°F. Melts at 500°F.

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.

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