

Technical Data Sheet

POLYESTER FIBERS **Regular Shrink, Regular Tenacity Bright**

Definition: 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: 1.5 to 2.0 denier per filament (dpf)

Standard Cut Lengths: 1/4", 1/2", 3/4", and 1"
(6mm, 13mm, 19mm, and 25mm)
Other lengths may be available upon request.

Shrinkage, (%): Data not available.

Breaking Tenacity (gpd): ~4.0

Initial Moisture Content (%): <25.0

Specific Gravity (g/cm³): 1.38

Effect of Heat: Sticks at 440 to 445°F. Melts at 480 to 500°F.
Yellows 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.

The above information is provided to describe typical values and does not constitute a product specification.