

## Technical Data Sheet

### POLYESTER BLEND

**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 Size:** A blend of diameters from 2.0 to 6.0 denier per filament (dpf)

**Standard Cut Lengths:** 1/8", 1/4"  
(3mm, 6mm)

**Shrinkage, Hot Air Free, 177°C, 30 min. (%):** 2 to 16

**Breaking Tenacity (gpd):** 6 to 11

**Initial Moisture Content (%):** <3.0

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

**Specific Gravity (g/cm<sup>3</sup>):** 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:** Standard packaging is 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.