

## Technical Data Sheet

### POLYPROPYLENE FIBERS Multicolor

**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 propylene units.

**Standard Cut Lengths:** 1/16", 1/8", 1/4", 1/2", 3/4", and 1"  
(2mm, 3mm, 6mm, 12mm, 19mm, and 25mm)  
Other lengths available upon request.

**Standard Filament Sizes (denier per filament):** 12.0 to 15.0

**Shrinkage, (%):** 1.4

**Breaking Tenacity (gpd):** 3.0 to 6.5

**Elongation at Break (%):** 20 to 120

**Moisture Content:** <6.0%

**Moisture Regain:** <1%

**Specific Gravity (g/cm<sup>3</sup>):** 0.90 to 0.93

**Effect of Heat:** Softens at 290 to 310°F. Melts at 320°F.  
Decomposes at 550°F.

**Chemical Reactivity:** Excellent resistance to acids and alkalis.

**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.