Technical Data Sheet

POLYPROPYLENE FIBERS
Product Code Prefix: PPSTD-170NRR

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

Standard Filament Sizes (denier per filament): 17.0

Shrinkage, (%): Not avail.

Breaking Tenacity (gpd): 3.0-6.5

Initial Moisture Content (%): <6.0

Average Moisture Regain of Polypropylene (%): <1.0

Specific Gravity (g/cm³): 0.90

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.

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