

MINIFIBERS, INC.

Technical Data Sheet

POLYPROPYLENE FIBERS Product Code Prefix: PPSTD-031NRR

Definition of Polypropylene: 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.

Filament Size: 3.0 denier per filament (dpf)

Standard Cut Lengths: 3mm, 6mm, 12mm, 18mm, and 24mm
(1/8", 1/4", 1/2", 3/4", and 1")
Other lengths may be available upon request.

Specific Gravity: 0.91 g/cm³

Tensile Strength: 2.5 to 3.8 cN/dtex

Average Moisture Absorption: <0.1%

Shrinkage, 130°C, 10 min: <4.0%

Softening Temperature: ~285-300°F / 140-150°C

Melting Temperature: ~330°F / 165°C

Other Characteristics: One of the lightest of all fibers. Low moisture absorption. Retains 100% tensile strength when wet. Not attacked by microorganisms, mold or mildew. Excellent resistance to acids and alkalis. Low thermal conductivity. Very little tendency to acquire static charge.

Dispersion: Easily dispersed in aqueous and non-aqueous systems.

Packaging: Fiber is packaged in corrugated boxes with polyethylene liners. Custom packaging available upon request.

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