

MINIFIBERS, INC.

Technical Data Sheet

NYLON FIBERS

Type 6,6 Regular Tenacity

Product Code Prefix: NYT66-0102RR

General Description: A manufactured fiber in which the fiber-forming substance is a long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings.

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): 1.0 denier per filament (dpf)

Shrinkage, Boiling Water (%): 5 - 9

Breaking Tenacity (gpd): 5.4 - 6.2

Initial Moisture Content (%): <6.0

Average Moisture Regain of Nylon (%): 3.5 to 5.0

Specific Gravity (g/cm³): 1.14

Effect of Heat: Sticks at 445°F. Melts at 480 to 500°F. Yellows slightly at 300°F when held for 5 hours.

Chemical Reactivity: Degraded by hot, concentrated 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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