

MINIFIBERS, INC.

Technical Data Sheet

NYLON FIBERS Type 6,6 Regular Tenacity

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 25mm)
Other lengths available upon request.

Standard Filament Sizes (denier per filament):	1.0	3.0	6.0
Shrinkage, (%):	2.9 - 6.5	2.9 - 6.5	2.9 - 6.5
Breaking Tenacity (gpd):	2.3 - 6.0	2.3 - 6.0	2.3 - 6.0
Initial Moisture Content (%):	<6.0	<6.0	<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.

The above information is provided to describe typical values and does not constitute a product specification.