

MINIFIBERS, INC.

Technical Data Sheet

NYLON FIBERS Type 6,6 High Tenacity Product Code Prefix: NYT66-0604RH

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): 6.0 denier per filament (dpf)

Shrinkage, (%): 2.1 to 5.5

Breaking Tenacity (gpd): 8.3 to 10.5

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 495 to 512°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. MiniFIBERS warrants that for each Product sold, such Product will meet the standard specifications provided for that Product and will be of a quality consistent with the standard specifications. This is the sole warranty given with respect to the Product, and is given expressly in lieu of any other warranties, expressed or implied, including without limitation any implied or general warranty of merchantability or of fitness for a particular purpose. It is expressly understood that any technical advice or assistance that may be provided by MiniFIBERS is rendered without compensation, and MiniFIBERS assumes no obligation or liability for such advice or assistance given, or for results obtained.