

Technical Data Sheet

NYLON FIBERS Multicolor BCF

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 Filament Sizes: 12.0 denier per filament (dpf)

Standard Cut Lengths: 1/8", 1/4", 1/2", 3/4", and 1"
(3mm, 6mm, 13mm, 19mm, and 25mm)
Other lengths available upon request.

Shrinkage, (%): 2.9

Breaking Tenacity (gpd): 4.0 to 7.2

Initial Moisture Content (%): <6.0

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

Specific Gravity (g/cm³): 1.14

Effect of Heat: Melts at 419 to 430°F. Decomposes at 600 to 730°F. Slight discoloration 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.