

Technical Data Sheet

**POLYETHYLENE FIBERS
Low-Melt LLDPE**

General Description: A manufactured fiber in which the fiber-forming substance is a substantially linear synthetic polymer composed of at least 85% by weight of ethylene units.

Standard Filament Sizes: 6.0 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, (%): 12

Breaking Tenacity (gpd): 1.0

Initial Moisture Content (%): <3.0

Average Moisture Regain of Polyethylene (%): <1.0

Specific Gravity (g/cm³): 0.96

Effect of Heat: Softens at 94°C. Melts at 123°C.

Chemical Reactivity: Excellent resistance to acids and alkalis. Excellent resistance to bleaches and solvents.

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

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.