

**Technical Data Sheet**

**POLYETHYLENE FIBERS  
Low Melt Degradable LLDPE**

**Definition:** 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:** 5.0 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, (%):** 15 to 18

**Breaking Tenacity (gpd):** 1.08 to 1.32

**Initial Moisture Content (%):** <3.0

**Average Moisture Regain of Polyethylene (%):** <1.0

**Specific Gravity (g/cm<sup>3</sup>):** 0.96

**Effect of Heat:** Melts at 123°C.

**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.