

MINIFIBERS, INC.

Technical Data Sheet

LO-BOND™

Low-Melt Polyethylene Crimped Staple

Product Code Prefix: PELPE-060NHL

Definition of LLDPE: Linear low density polyethylene is a manufactured fiber in which the fiber-forming substance is a substantially linear synthetic polymer with significant numbers of short branches, composed of at least 85% by weight of ethylene units.

Standard Filament Sizes: 6.0 denier per filament (dpf)

Standard Cut Lengths: 25mm, 32mm, 38mm, 51mm
Other lengths available upon request.

Shrinkage, (%): Data not available.

Breaking Tenacity (gpd): ~0.6 to 1.3

Initial Moisture Content (%): <3.0%

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

Specific Gravity (g/cm³): 0.93

Effect of Heat: Softens at 94-96°C / 201-205°F. Melts at 116-124°C / 240-255°F.

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.

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