

MINIFIBERS, INC.

Technical Data Sheet

LO-BOND®

Low-Melt Polyethylene Crimped Staple

Product Code Prefix: PELPE-060NHL

General Description: 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. The low melt point of LO-BOND® makes it ideal for use in thermal bonding.

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: ~0.6 to 1.3 g/den

Initial Moisture Content: <3.0%

Average Moisture Regain of Polyethylene: <1.0%

Density: 0.93 g/cm³

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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