

MINIFIBERS, INC.

Technical Data Sheet



Low-Melt Polyethylene Fibers Product Code Prefix: PELPE-060NHL

General Description: Ventylene™ is a polyethylene fiber extruded from polymers having a lower melt point than standard polyethylene. With a melt point of 124°C, this fiber allows for earlier release of moisture vapors and volatile gases than traditional burnout fibers for refractory and casting applications.

Standard Filament Sizes: 6.0 denier per filament (dpf)

Standard Cut Lengths: 1/8", 1/4", 10mm, 1/2", 3/4"
(3mm, 6mm, 10mm, 13mm and 19mm)
Other lengths available upon request.

Breaking Tenacity: ~0.6 to 1.3 g/den

Moisture Content as Packaged: <3.0% (residual)

Moisture Regain/Absorption of Polyethylene: Negligible

Specific Gravity: 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 systems.

Packaging: Fiber is packaged in corrugated boxes with polyethylene liners. Custom packaging available upon request.

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