

# MINIFIBERS, INC.

Technical Data Sheet

## LO-BOND™ POLYETHYLENE YARN Low-Melt Multifilament POY

**Description:** A partially or lightly oriented multifilament yarn extruded from Polyethylene polymers having a lower melt point than standard Polyethylene.

**Suggested Applications:** Bonded fabrics, narrow fabrics, thermal formed fabrics

**Standard Filament Counts:** 12, 24, 48, 96, 144, 247  
Others are available upon request; contact us to discuss your specific needs.

**Standard Total Deniers:** 80 and up

**Breaking Tenacity:** The tenacity of POY is generally low; can be increased to meet requirements.

**Elongation:** The elongation of POY is typically high; can be reduced to meet requirements.

**Effect of Heat:** Softens at 94-96°C / 201-205°F.  
Melts at 116-123°C / 240-253°F.

**Chemical Resistance:** Excellent resistance to acids and alkalis.  
Excellent resistance to bleaches and solvents.

**Packaging:** Yarn is packaged on paperboard tubes (bobbins) and placed in a palletized corrugated box.

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