**MINIFIBERS, INC.**

Technical Data Sheet

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## POLYPROPYLENE FIBERS

**Definition:** A manufactured fiber in which the fiber-forming substance is a long-chain synthetic polymer composed of at least 85% by weight of propylene units.

**Standard Cut Lengths:** 1/8", 1/4", 1/2", 3/4", and 1" (3mm, 6mm, 13mm, 19mm, and 25mm)

Other lengths available upon request.

<table>
<thead>
<tr>
<th>Standard Filament Sizes (denier per filament):</th>
<th>7.0</th>
<th>17.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrinkage, (%):</td>
<td>1.4</td>
<td>Not avail.</td>
</tr>
<tr>
<td>Breaking Tenacity (gpd):</td>
<td>3.0-6.5</td>
<td>3.0-6.5</td>
</tr>
<tr>
<td>Initial Moisture Content (%):</td>
<td>&lt;6.0</td>
<td>&lt;6.0</td>
</tr>
</tbody>
</table>

Average Moisture Regain of Polypropylene (%): <1.0

**Specific Gravity (g/cm³):** 0.90

**Effect of Heat:** Softens at 290 to 310°F. Melts at 320°F. Decomposes at 550°F.

**Chemical Reactivity:** Excellent resistance to acids and alkalis.

**Dispersion:** Easily dispersed in aqueous and non-aqueous systems. Surface treatment to aid dispersion applied as required.

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

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The above information is provided to describe typical values and does not constitute a product specification.