

# MINIFIBERS, INC.

## Technical Data Sheet

### PARA-ARAMID FIBERS Product Code Prefix: PASTD-015ERH

**General Description:** A manufactured fiber in which the fiber-forming substance is a long-chain synthetic polyamide in which at least 85% of the amide linkages attach directly to two aromatic rings.

**Standard Filament Sizes:** 1.5 denier per filament (dpf)

**Standard Cut Lengths:** 1/8", 1/4", 1/2", 3/4", and 1"  
(3mm, 6mm, 13mm, 19mm, and 26mm)  
Other lengths available upon request.

**Shrinkage, Hot Air, 160°C, 4 min. (%):** 0.1

**Breaking Tenacity (gpd):** 22.6

**Initial Moisture Content (%):** <7.0

**Average Moisture Regain of Para-Aramid (%):** 3.5 to 7.0

**Specific Gravity (g/cm<sup>3</sup>):** 1.44

**Effect of Heat:** Does not melt. Decomposes at about 900°F.

**Chemical Reactivity:** Good resistance to diluted acids and bases. Degraded by strong mineral acids and, to lesser extent, by strong mineral bases.

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

**Packaging:** Standard packaging is corrugated boxes with polyethylene liners. Custom packaging available upon request.

The above information is provided to describe typical values and does not constitute a product specification. MiniFIBERS warrants that for each Product sold, such Product will meet the standard specifications provided for that Product and will be of a quality consistent with the standard specifications. This is the sole warranty given with respect to the Product, and is given expressly in lieu of any other warranties, expressed or implied, including without limitation any implied or general warranty of merchantability or of fitness for a particular purpose. It is expressly understood that any technical advice or assistance that may be provided by MiniFIBERS is rendered without compensation, and MiniFIBERS assumes no obligation or liability for such advice or assistance given, or for results obtained.