

# MINIFIBERS, INC.

## Technical Data Sheet

### ACRYLIC STAPLE FIBERS Product Code Prefix: ACCRN-150NRR

**Definition:** A manufactured fiber in which the fiber-forming substance is a long-chain synthetic polymer composed of at least 85% by weight of acrylonitrile units, and no more than 15% by weight of vinyl acetate.

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

**Standard Filament Size:** 15.0 denier per filament (dpf)

**Shrinkage (%):** No data available

**Breaking Tenacity:** ~2.7 g/den

**Initial Moisture Content:** <2.0%

**Average Moisture Regain of Acrylic:** 1.0 to 2.5%

**Specific Gravity:** 1.14 to 1.19 g/cm<sup>3</sup>

**Effect of Heat:** Sticks at 430 to 450°F. Does not melt.

**Chemical Reactivity:** Good resistance to acids, except nitric. Good resistance to weak 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.

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.