

# MINIFIBERS, INC.

## Technical Data Sheet

**POLYVINYL ALCOHOL FIBERS**  
**Coated for Rubber Applications**  
**Product Code Prefix: PVMRG-060NRH**

**Definition of Polyvinyl Alcohol:** A manufactured fiber in which the fiber-forming substance is a 100% virgin homopolymer made by complete hydrolysis of a polyvinyl ester.

**Standard Filament Sizes:** 6.0 denier per filament (dpf)

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

**Shrinkage, Hot Air, 180°C, 1 min.:** ≤1.4%

**Breaking Tenacity:** ~9.9 g/den

**Elongation:** ≤9%

**Initial Moisture Content:** <5%

**Average Moisture Regain of PVOH:** 1.0 to 5.0%

**Specific Gravity:** 1.29 g/cm<sup>3</sup>

**Effect of Heat:** Melts at ~230°C.

**Solubility:** Negligible.

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

**Surface Treatment:** Coated with a surface treatment designed for adhesion to EPDM, CPE & CSM.

**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.