MINIFIBERS, INC.

Technical Data Sheet

ACRYLIC FIBERS
Uncrimped

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.	
Standard Cut Lengths:	1/8", 1/4", 1/2", 3/4", and 1" (3mm, 6mm, 13mm, 19mm, and 25mm) Other lengths available upon request.	
Standard Filament Sizes (denier per filament):	**3.0**	**15.0**
Shrinkage, (%):	<8.5	<6.0
Breaking Tenacity (gpd):	3.15+	2.3+
Initial Moisture Content (%):	<6.0	
Average Moisture Regain of Acrylic (%):	1.0 to 2.5	
Specific Gravity (g/cm^3):	1.14 to 1.19	
Effect of Heat:	Sticks at 430 to 450^{o}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.