MINIFIBERS, INC.

Technical Data Sheet

POLYPROPYLENE FIBERS
Multicolor

General Description:	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:	1/16”, 1/8”, 1/4", 1/2", 3/4", and 1" (2mm, 3mm, 6mm, 12mm, 19mm, and 25mm) Other lengths available upon request.	
Standard Filament Sizes (denier per filament):	**12.0**	**15.0**
Shrinkage, (%):	1.4	
Breaking Tenacity (gpd):	3.0 to 6.5	
Elongation at Break (%):	20 to 120	
Moisture Content:	<6.0%	
Moisture Regain:	<1%	
Specific Gravity (g/cm^3):	0.90 to 0.93	
Effect of Heat:	Softens at 290 to 310^{o}F. Melts at 320^{o}F. Decomposes at 550^{o}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.	