

Technical Data Sheet

BICOMPONENT FIBERS High Density Polyethylene / Polypropylene

General Description: Bicomponent fiber is comprised of two polymers of different chemical and/or physical properties extruded from the same spinneret, with both polymers within the same filament. MiniFibers HDPE/Polypropylene Bicomponent fiber consists of a concentric High Density Polyethylene sheath and a Polypropylene core.



Standard Filament Sizes (denier per filament):	0.7	2.5
Standard Cut Lengths:	5mm, 10mm	5mm
	Other lengths may be available upon request.	
HDPE Sheath Melt Point (°C):	130	126
Polypropylene Core Melt Point (°C):	165	161
Shrinkage, Hot Air, 140°C (%):	9 to 12	Data not available
Breaking Tenacity (gpd):	3.9 to 5.1	2.4 to 3.9
Elongation at Break (%):	77 to 79	<450
Moisture Content (%):	<35	<3.0

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.