

## Technical Data Sheet

### BICOMPONENT FIBERS High Density Polyethylene / Polyester

**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/PET Bicomponent fiber consists of a concentric High Density Polyethylene sheath and a Polyester core.



<b>Standard Filament Sizes (denier per filament):</b>	<b>2.0</b>	<b>3.0</b>	<b>6.0</b>
<b>Standard Cut Lengths:</b>	5mm, 10mm	6mm, 12mm, 19mm, 25mm	5mm, 10mm
	Other lengths may be available upon request.		
<b>HDPE Sheath Melt Point (°C):</b>	128	128	128
<b>Polyester Core Melt Point (°C):</b>	255	255	255
<b>Shrinkage, Hot Air, 140°C (%):</b>	8 to 12		8 to 12
<b>Shrinkage, Hot Air, 115°C (%):</b>		~5	
<b>Breaking Tenacity (gpd):</b>	2.4 to 3.9	~3.0	2.4 to 3.9
<b>Elongation at Break (%):</b>	50 to 100	~60	50 to 100
<b>Moisture Content (%):</b>	<35	<35	<35

**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.