

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: 2.0 denier per filament (dpf)

Standard Cut Lengths: 5mm

HDPE Sheath Melt Point (°C): 130-133

Polypropylene Core Melt Point (°C): 165

Shrinkage, Hot Air, 140°C (%): 9 to 12

Breaking Tenacity (gpd): 3.9 to 5.1

Moisture Content (%): <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.

The above information is provided to describe typical values and does not constitute a product specification.