

Technical Data Sheet

BICOMPONENT FIBERS PolyLactic Acid / PolyLactic Acid

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 PLA/PLA Bicomponent fiber consists of a concentric polylactic acid sheath and a polylactic acid core.



Standard Cut Lengths: 51mm
Other lengths may be available upon request.

Bionelle Sheath Melt Point: 132°C

PLA Core Melt Point: 165°C

Standard Filament Sizes (denier per filament): 4.0 6.0

Shrinkage, Hot Air (60°C, 10 min): <5.0%

Breaking Tenacity: 3.5 gpd

Elongation at Break: 30 to 70%

Moisture Content: <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.