

**Bapolene® 4042 Polypropylene, Fiber/Filament Grade**

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Bapolene PP4042 is a fiber extrusion resin with excellent thermal and mechanical properties. This product meets FDA standards for food contact applications. Applications: Rope and twine, fibrillated tape, slit film. Bapolene® and Bapolan® are registered trademarks of Bamberger Polymers, Inc. Information provided by Bamberger Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bapolene-4042-Polypropylene-FiberFilament-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-4042-Polypropylene-FiberFilament-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	D-1505
Melt Flow	3.5 g/10 min	3.5 g/10 min	D-1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	2 in/min; D-638
Elongation at Yield	10 %	10 %	2 in/min; D-638
Flexural Modulus	1.25 GPa	182 ksi	D-790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.0 °C	199 °F	D-648

Descriptive Properties	Value	Comments
Process	Fiber	
Region	Europe/Turkey	Bamberger Polymers Distribution
	International	Bamberger Polymers Distribution
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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