

Bapolene® 4012F Polypropylene, Compounding/Extrusion Grade

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Bapolene PP4012F is a homopolymer polypropylene (flake) that meets US FDA 21CFR177.1520. Applications: Compounding, and filled or color concentrate applications. 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-4012F-Polypropylene-CompoundingExtrusion-Grade.php

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D-785
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D-638
Elongation at Yield	10 %	10 %	ASTM D-638
Flexural Modulus	1.434 GPa	208.0 ksi	Secant @ 1% strain; ASTM D-790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	119 °C	246 °F	ASTM D-648

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

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