

Bapolene® 4012 Polypropylene, Extrusion Grade

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Bapolene PP4012 is a general purpose extrusion resin with excellent stiffness and processability, chemical resistance, and ESCR properties.

This product meets FDA standards for food contact applications. Applications: Sheet, profile, pipe, and strapping. 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-4012-Polypropylene-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D1505
Melt Flow	0.50 g/10 min	0.50 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	ASTM D-2240
Tensile Strength, Ultimate	24.8 MPa	3600 psi	2 in/min (50 mm/min); ASTM D638
Tensile Strength, Yield	35.9 MPa	5210 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	98 %	98 %	2 in/min (50 mm/min); ASTM D638
Elongation at Yield	13 %	13 %	2 in/min (20 mm/min); ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	Secant @ 1% strain; ASTM D-790
Izod Impact, Notched	0.590 J/cm	1.11 ft-lb/in	ASTM D256

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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