

Bapolene® PP5010 Polypropylene, Extrusion Grade

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Bapolene PP5010 is an extrusion PP high impact copolymer with excellent color and processability. It offers extra high impact strength and low temperature properties. Applications: Auto, pipe, profile, tubing, blow molded containers. 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-PP5010-Polypropylene-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	ASTM D-2240
Tensile Strength, Yield	27.6 MPa	4000 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	>= 500 %	>= 500 %	2 in/min (50 mm/min); ASTM D638
Elongation at Yield	15 %	15 %	2 in/min (20 mm/min); ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	Secant @ 1% strain; ASTM D-790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.0 °C	189 °F	ASTM D648

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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