

Bapolene® PP5026 Polypropylene, Extrusion/Injection Grade

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

Material Notes:

Polypropylene extrusion impact copolymer with excellent color and processability. This resin also has a superior balance of stiffness and impact strength. This product meets FDA regulation 21 CFR 177.1520 and is suitable for food contact applications. Applications: Durables, child safety products, corrugated sheet. 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-PP5026-Polypropylene-ExtrusionInjection-Grade.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D1505
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D-785
Tensile Strength, Yield	26.9 MPa	3900 psi	2 in/min (50 mm/min); ASTM D-638
Flexural Modulus	1.32 GPa	191 ksi	Secant @ 1% strain; ASTM D-790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	46.0 °C	115 °F	ASTM D-648

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

Descriptive Properties	Value	Comments
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