

Bapolene® 1030 Low Density Polyethylene Extrusion/Injection Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Description: Multipurpose extrusion/injection resin with excellent processability and good stiffness. This resin meets the Food and Drug Administration requirements for food contact applications. Applications: Profiles, Tubing, Small Bottles, Caps and Closures. Information provided by Bamberger Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bapolene-1030-Low-Density-Polyethylene-ExtrusionInjection-Resin.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D-1505
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47	47	ASTM D-2240
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D-638
Elongation at Break	600 %	600 %	ASTM D-638
Modulus of Elasticity	0.186 GPa	27.0 ksi	ASTM D-638
Flexural Modulus	0.179 GPa	26.0 ksi	ASTM D-790
Izod Impact, Notched	NB	NB	ASTM D-256

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

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