

Bapolene® 2272 Polyethylene, Injection Grade

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

Material Notes:

Bapolene LL2272 is a high flow, narrow molecular weight distribution, linear low density polyethylene injection resin. This resin offers excellent stress cracking resistance, flex life, low temperature toughness and low warpage. This product meets FDA standards for food contact applications. Applications: Industrial containers, housewares, caps and closures, and color concentrates. 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-2272-Polyethylene-Injection-Grade.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	25 hour	25 hour	F50, 100% Igepal, Bent strip test, slit; ASTM D-1693
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	12.1 MPa	1750 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	280 %	280 %	2 in/min (50 mm/min); ASTM D638
Modulus of Elasticity	0.324 GPa	47.0 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -100 °C	<= -148 °F	ASTM D-746

Descriptive Properties	Value	Comments
Process	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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