

Bapolene® 3255 Polyethylene, Injection Grade

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

Material Notes:

Narrow molecular weight distribution injection molding resin. This resin offers good impact strength, resistance to warpage, and stiffness.

This product meets the Food and Drug Administration requirements of 21CFR177.1520. Applications: Beverage cases, crates,

pails. 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-3255-Polyethylene-Injection-Grade.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D1505
Melt Flow	8.0 g/10 min	8.0 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	65	65	ASTM D2240
Tensile Strength, Yield	30.0 MPa	4350 psi	2 in/min (50 mm/min); ASTM D638
Flexural Modulus	1.28 GPa	185 ksi	Tangent Method 1; ASTM D-790

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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