

## Bapolene® 3252 Polyethylene, Injection Grade

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

### Material Notes:

Narrow molecular weight distribution injection molding resin. This resin offers excellent impact strength, ESCR properties, and resistance to warpage. This product meets the Food and Drug Administration requirements of 21CFR177.1520. Applications: Containers, pails, industrial parts. 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-3252-Polyethylene-Injection-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-3252-Polyethylene-Injection-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	26.0 MPa	3770 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	>= 900 %	>= 900 %	2 in/min (50 mm/min); ASTM D638
Flexural Modulus	1.07 GPa	155 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

## Contact Songhan Plastic Technology Co.,Ltd.

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