

## Bapolene® 3262 Polyethylene, Injection Grade

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

### Material Notes:

Narrow molecular weight distribution injection molding resin. This resin offers intermediate flow, excellent ESCR, excellent impact and good warp resistance. This product meets FDA standards for food contact applications. Applications: General purpose injection molding, caps, closures, 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-3262-Polyethylene-Injection-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-3262-Polyethylene-Injection-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.8 MPa	3600 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	480 %	480 %	2 in/min (50 mm/min); ASTM D638
Flexural Modulus	1.32 GPa	191 ksi	Tangent Method 1; ASTM D-790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM D648
Vicat Softening Point	125 °C	257 °F	ASTM D1525

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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