

## Bapolene® 0760 Polyethylene, Blow Molding Grade

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

### Material Notes:

This resin is a high density polyethylene homopolymer for blow molding applications. It is recommended for applications that require high top load strength and good stiffness. This product meets 21CFR177.1520. Applications: Blow molded containers, milk, juice, and water bottles. 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-0760-Polyethylene-Blow-Molding-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-0760-Polyethylene-Blow-Molding-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in <sup>3</sup>	ASTM D1505
ESCR 100% Igepal®	10 hour	10 hour	
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	2 in/min (50 mm/min); ASTM D638
Elongation at Break	>= 300 %	>= 300 %	2 in/min (50 mm/min); ASTM D638
Flexural Modulus	1.55 GPa	225 ksi	Tangent Method 1; ASTM D-790

Descriptive Properties	Value	Comments
Process	Blow 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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