

Bapolene® 2040 Polyethylene, Blow Molding

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

Material Notes:

Bapolene 2040 is a copolymer high density polyethylene resin that offers superior modulus, topload resistance and ESCR. It complies with US FDA 21CFR177.1520.Applications: Hot-fill articles, containers of up to 2.6 gal (10 liters), and toys.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-2040-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in³	ASTM D-1505
ESCR 100% Igepal®	30 hour	30 hour	ASTM D-1693
Melt Flow	0.30 g/10 min	0.30 g/10 min	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.0 MPa	4200 psi	ASTM D-638
Elongation at Break	500 %	500 %	ASTM D-638
Flexural Modulus	1.24 GPa	180 ksi	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

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