

Bapolene® 5010H High Density Polyethylene

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

Material Notes:

This resin is a high molecular weight, high density copolymer polyethylene resin. Product exhibits superior impact strength and ESCR. Resin contains a process stabilizer and complies with FDA 21 CFR 177.1520. Applications: Jerry cans, fuel tanks, drums and large 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-5010H-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	ASTM D-792
ESCR 100% Igepal®	>= 920 hour	>= 920 hour	ASTM D-1693
Melt Flow	10 g/10 min	10 g/10 min	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D-638
Elongation at Break	815 %	815 %	ASTM D-638
Flexural Modulus	1.273 GPa	184.6 ksi	ASTM D-790
Izod Impact, Notched (ISO)	12.0 kJ/m ²	5.70 ft-lb/in ²	ASTM D-256

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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China