

## Bapolene® 5005H 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.

Applications: Drums and 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-5005H-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Bapolene-5005H-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ASTM D-792
ESCR 100% Igepal®	500 hour	500 hour	>500; ASTM D-1693
Melt Flow	5.0 g/10 min	5.0 g/10 min	HLMI; ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM D-638
Elongation at Break	820 %	820 %	ASTM D-638
Flexural Modulus	1.40 GPa	203 ksi	ASTM D-790
Izod Impact, Notched (ISO)	27.3 kJ/m <sup>2</sup>	13.0 ft-lb/in <sup>2</sup>	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](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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