

## Bapolene® 350F Polyethylene, Film Grade

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

### Material Notes:

Applications: Blown film extrusion of T-shirt sacks, merchandise bags. Film properties below are based on a thickness of .8 mil and blow-up ratio of 4:1. 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-350F-Polyethylene-Film-Grade.php](http://www.lookpolymers.com/polymer_Bapolene-350F-Polyethylene-Film-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D1505
Thickness	20.0 microns	0.787 mil	4:1 blow-up ratio
Melt Flow	0.050 g/10 min @Load 2.16 kg, Temperature 190 °C	0.050 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D-1238
High Load Melt Index	6.5 g/10 min @Load 21.6 kg, Temperature 190 °C	6.5 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	200 %	200 %	>200; ASTM D-882, A
Film Elongation at Break, TD	200 %	200 %	>200; ASTM D-882, A
Elmendorf Tear Strength, MD	1.08 g/micron	27.4 g/mil	ASTM D-1922
Elmendorf Tear Strength, TD	6.20 g/micron	157 g/mil	ASTM D-1922
Dart Drop	12.8 g/micron	325 g/mil	ASTM D-1709
Film Tensile Strength at Break, MD	52.0 MPa	7540 psi	
Film Tensile Strength at Break, TD	33.0 MPa	4790 psi	

Descriptive Properties	Value	Comments
Process	Blown Film	
Region	Europe/Turkey	Bamberger Polymers Distribution
	International	Bamberger Polymers Distribution
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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