

## Bapolene® 107A Low Density Polyethylene Film Extrusion Resin

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

**Material Notes:**

Bapolene® 107A is an LDPE for blown film. It contains 3400 ppm antiblock additive. This product meets the Food and Drug Administration requirements of 21CFR177.1520. Applications: General purpose packaging. Information provided by Bamberger Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bapolene-107A-Low-Density-Polyethylene-Film-Extrusion-Resin.php](http://www.lookpolymers.com/polymer_Bapolene-107A-Low-Density-Polyethylene-Film-Extrusion-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D-1505
Thickness	38.1 microns	1.50 mil	as tested; 2.5:1 BUR
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 190 °C	0.80 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	3400 ppm	3400 ppm	

Mechanical Properties	Metric	English	Comments
Elmendorf Tear Strength MD	165 g @Thickness 0.0381 mm	165 g @Thickness 0.00150 in	ASTM D-1922
Elmendorf Tear Strength TD	130 g @Thickness 0.0381 mm	130 g @Thickness 0.00150 in	ASTM D-1922
Elmendorf Tear Strength, MD	4.33 g/micron @Thickness 0.0381 mm	110 g/mil @Thickness 0.00150 in	ASTM D-1922
Elmendorf Tear Strength, TD	3.43 g/micron @Thickness 0.0381 mm	87.0 g/mil @Thickness 0.00150 in	ASTM D-1922
Dart Drop	3.94 g/micron	100 g/mil	F <sub>50</sub> ; ASTM D-1709
Dart Drop Test	150 g @Thickness 0.0381 mm	0.331 lb @Thickness 0.00150 in	F <sub>50</sub> ; ASTM D-1709
Film Tensile Strength at Break, MD	29.0 MPa @Thickness 0.0381 mm	4200 psi @Thickness 0.00150 in	ASTM D-882

Mechanical Properties	20.0 MPa Metric	2900 psi English	Comments
Film Tensile Strength at Break, TD	@Thickness 0.0381 mm	@Thickness 0.00150 in	ASTM D-882

Descriptive Properties	Value	Comments
Process	Film	
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