

Bapolene® 200F Polyethylene, Film Grade

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

Material Notes:

Bapolene LD200F is a general purpose low density polyethylene for blown film extrusion applications. It contains medium levels of slip/antiblock additives. This product meets FDA standards for food contact applications. Applications: General purpose clarity applications. Film properties below are based on a thickness of 32 µm and blow-up ratio of 2:1. 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-200F-Polyethylene-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	32.0 microns	1.26 mil	2:1 blow-up ratio
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	15.2 MPa	2200 psi	ASTM D882
Film Tensile Strength at Yield, TD	12.4 MPa	1800 psi	ASTM D882
Film Elongation at Break, MD	360 %	360 %	ASTM D-882
Film Elongation at Break, TD	580 %	580 %	ASTM D-882
Secant Modulus, MD	0.193 GPa	28.0 ksi	0.1 mm/mm-min Initial strain rate; ASTM D-882
Secant Modulus, TD	0.207 GPa	30.0 ksi	0.1 mm/mm-min Initial strain rate; ASTM D-882
Elmendorf Tear Strength, MD	17.7 g/micron	450 g/mil	ASTM D-1922
Elmendorf Tear Strength, TD	8.30 g/micron	211 g/mil	ASTM D-1922
Dart Drop	2.46 g/micron	62.5 g/mil	26 in. dart; ASTM D-1709, A
Film Tensile Strength at Break, MD	22.8 MPa	3310 psi	ASTM D-882
Film Tensile Strength at Break, TD	17.9 MPa	2600 psi	ASTM D-882

Optical Properties	Metric	English	Comments
Gloss	67 %	67 %	ASTM D-2457

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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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