

Bapolene® 108A Low Density Polyethylene Film Extrusion Resin

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

Material Notes:

Bapolene® 108A is an LDPE for blown film. It contains 2500 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-108A-Low-Density-Polyethylene-Film-Extrusion-Resin.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D-1505
Thickness	31.8 microns	1.25 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 D-1238
Antiblock Level	2500 ppm	2500 ppm	target

Mechanical Properties	Metric	English	Comments
Dart Drop	3.78 g/micron	96.0 g/mil	F₅₀; ASTM D-1709
Dart Drop Test	120 g @Thickness 0.0317 mm	0.265 lb @Thickness 0.00125 in	F₅₀; ASTM D-1709
1% Secant Modulus, MD	179 MPa @Thickness 0.0317 mm	26000 psi @Thickness 0.00125 in	ASTM D-882
1% Secant Modulus, TD	221 MPa @Thickness 0.0317 mm	32000 psi @Thickness 0.00125 in	ASTM D-882

Optical Properties	Metric	English	Comments
Haze	7.0 % @Thickness 0.0317 mm	7.0 % @Thickness 0.00125 in	ASTM D-1003

Descriptive Properties	Value	Comments
Process	Film	
Region	Europe/Turkey	Bamberger Polymers Distribution

Descriptive Properties	Value	Comments
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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