

Bapolene® 222B Polyethylene Film Grade

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

Material Notes:

Bapolene 222B is a butene linear low density polyethylene for blown film applications requiring superior impact strength and toughness. It complies with US FDA 21CFR177.1520. Applications: General packaging, garment bags, industrial packaging, and liners. 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-222B-Polyethylene-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ASTM D-1505
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D-882
Film Elongation at Break, TD	700 %	700 %	ASTM D-882
Elmendorf Tear Strength MD	105 g	105 g	ASTM D-1922
Elmendorf Tear Strength TD	410 g	410 g	ASTM D-1922
Dart Drop Test	65.0 g	0.143 lb	ASTM D-1709
Film Tensile Strength at Break, MD	27.0 MPa	3920 psi	ASTM D-882
Film Tensile Strength at Break, TD	19.0 MPa	2760 psi	ASTM D-882
1% Secant Modulus, MD	172 MPa	25000 psi	ASTM D-882
1% Secant Modulus, TD	190 MPa	27500 psi	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

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