

Bapolene® 152B Polyethylene Film Grade

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

Material Notes:

Bapolene 152B is a hexene linear low density polyethylene with a combination of superior impact strength and HSIT. Product is designed to exhibit performance similar to that of metallocene products. It complies with US FDA 21CFR177.1520. Applications: General purpose packaging, trash bags, 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-152B-Polyethylene-Film-Grade.php

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in ³	ASTM D-1505
Thickness	25.4 microns	1.00 mil	2.5:1 BUR as tested
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	650 %	650 %	ASTM D-882
Film Elongation at Break, TD	860 %	860 %	ASTM D-882
Elmendorf Tear Strength MD	450 g	450 g	ASTM D-1922
Elmendorf Tear Strength TD	600 g	600 g	ASTM D-1922
Elmendorf Tear Strength, MD	17.7 g/micron	450 g/mil	ASTM D-1922
Elmendorf Tear Strength, TD	23.6 g/micron	600 g/mil	ASTM D-1922
Dart Drop Test	525 g	1.16 lb	F _{>50</sub>; ASTM D-1709}
Film Tensile Strength at Break, MD	38.0 MPa	5510 psi	ASTM D-882
Film Tensile Strength at Break, TD	34.0 MPa	4930 psi	ASTM D-882
Heat Seal Strength Initiation Temperature	103 °C	217 °F	0.5 s dwell; 2 lb _{>f</sub>/in}

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

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

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