

Bapolene® 135B

Linear Low Density Polyethylene

Product Description

This resin is a hexene linear low density polyethylene for cast film applications. It complies with US FDA 21 CFR 177.1520.

General

Features	• Balanced Stiffness/Toughness • High Impact Resistance		
Uses	• Bags • Cast Film	• Industrial Applications • Liners	• Packaging
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Film Extrusion		

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.918 g/cm ³	0.918 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength			ASTM D882
MD : Break	6980 psi	48.1 MPa	
TD : Break	5500 psi	37.9 MPa	
Tensile Elongation			ASTM D882
MD : Break	490 %	490 %	
TD : Break	800 %	800 %	
Dart Drop Impact	100 g	100 g	ASTM D1709

Optical	Typical Value (English)	Typical Value (SI)	Test Method
Haze	3.00 %	3.00 %	ASTM D1003