

# Bapolene® 133B

## Linear Low Density Polyethylene

### Product Description

This resin is a hexene linear low density polyethylene for blown film application requiring a combination of impact strength and toughness.. This product complies with US FDA 21 CFR 177.1520.

### General

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

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.920 g/cm <sup>3</sup>	0.920 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested <sup>2</sup>	1.0 mil	25 µm	
Tensile Strength			ASTM D882
MD : Break	7200 psi	49.6 MPa	
TD : Break	5600 psi	38.6 MPa	
Tensile Elongation			ASTM D882
MD : Break	650 %	650 %	
TD : Break	990 %	990 %	
Dart Drop Impact	160 g	160 g	ASTM D1709