

Bapolene® 122B

Linear Low Density Polyethylene

Product Description

This is a general purpose LLDPE for blown film extrusion. This resin offers excellent tensile and toughness properties. Contains no slip and no antiblock additives. This product meets US FDA 21 CFR 177.1520.

General

Features	<ul style="list-style-type: none"> • Food Contact Acceptable • General Purpose 	<ul style="list-style-type: none"> • Good Toughness • Low Density 	
Uses	<ul style="list-style-type: none"> • Bags • Blown Film • Film 	<ul style="list-style-type: none"> • Food Packaging • General Purpose • Industrial Applications 	<ul style="list-style-type: none"> • Packaging
Agency Ratings	<ul style="list-style-type: none"> • FDA 21 CFR 177.1520 		
Processing Method	<ul style="list-style-type: none"> • Blown Film 		

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)	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested	1.0 mil	25 µm	
Secant Modulus			ASTM D882
1% Secant, MD	27000 psi	186 MPa	
1% Secant, TD	28000 psi	193 MPa	
Tensile Strength			ASTM D882
MD : Break	4600 psi	31.7 MPa	
TD : Break	4500 psi	31.0 MPa	
Dart Drop Impact	80 g	80 g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	100 g	100 g	
TD	300 g	300 g	