

Bapolene® 122F

Linear Low Density Polyethylene

Product Description

This resin is a general purpose LLDPE for blown film extrusion applications. This resin offers excellent tensile & toughness properties. Contains medium levels of slip/antiblock additives. This product meets US FDA 21 CFR 177.1520

General

Additive	• Antiblock: 6500 ppm	• Slip: 1400 ppm	
Features	• Food Contact Acceptable • General Purpose	• Good Toughness • Medium Antiblocking	• Medium Slip
Uses	• Bags • Film	• Food Packaging • General Purpose	• Industrial Applications
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Blown Film	• 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)	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested ²	1.0 mil	25 µm	
Tensile Strength			ASTM D882
MD : Break	4600 psi	31.7 MPa	
TD : Break	4180 psi	28.8 MPa	
Tensile Elongation			ASTM D882
MD : Break	300 %	300 %	
TD : Break	800 %	800 %	
Elmendorf Tear Strength			ASTM D1922
MD	140 g	140 g	
TD	370 g	370 g	