

Bapolene® 105F

Low Density Polyethylene

Product Description

This resin is an unmodified low density polyethylene which extrudes into a low gloss high impact film. It contains antiblock additives and no slip additives. This product meets US FDA 21 CFR 177.1520.

General

Additive	• Antiblock: 3800 ppm		
Features	• Antiblocking • Food Contact Acceptable	• High Impact Resistance • Low Gloss	
Uses	• Agricultural Applications • Bags	• Film • Heavy-duty Bags	• Shrink Wrap
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Blown Film	• Film Extrusion	

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.920 g/cm ³	0.920 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25 g/10 min	0.25 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested	2.0 mil	51 µm	
Tensile Strength			ASTM D882
MD : Break	3200 psi	22.1 MPa	
TD : Break	2800 psi	19.3 MPa	
Dart Drop Impact	200 g	200 g	ASTM D1709