

Bapolene® 107A

Low Density Polyethylene

Product Description

This resin is a low density polyethylene for blown film applications. It contains an antiblock additive. This product meets US FDA 21 CFR 177.1520.

General

Additive	• Antiblock: 3400 ppm		
Features	• Food Contact Acceptable		
Uses	• Bags • Blown Film	• Film • Food Packaging	• General Purpose • Packaging
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Blown Film		

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)	0.80 g/10 min	0.80 g/10 min	ASTM D1238

Films	Typical Value (English)	Typical Value (SI)	Test Method
Film Thickness - Tested ²	1.5 mil	38 µm	
Tensile Strength			ASTM D882
MD : Break	4200 psi	29.0 MPa	
TD : Break	2900 psi	20.0 MPa	
Dart Drop Impact	150 g	150 g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	170 g	170 g	
TD	130 g	130 g	

Additional Information	Typical Value (English)	Typical Value (SI)
Additive type	3400	3400