

Bapolene® 105F

Low Density Polyethylene

Bamberger Polymers, Inc.

Message:

Bapolene LD105F 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 the Food and Drug Administration requirements of 21CFR177.1520.

General Information			
Additive	Antiblock		
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		
Forms	Pellets		
Processing Method	Blown Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Recommended / Available	50 to 200 µm		
Secant Modulus ¹			ASTM D882
MD	159	MPa	
TD	179	MPa	
Tensile Strength ²			ASTM D882
MD : Yield	24.1	MPa	
TD : Yield	20.7	MPa	
Tensile Elongation ³			ASTM D882
MD : Break	350	%	
TD : Break	600	%	
Dart Drop Test	83.0	kN/m	ASTM D1709

Injection	Nominal Value	Unit
Processing (Melt) Temp	200 to 220	°C
NOTE		
1.	0.10 mm/min	
2.	250 mm/min	
3.	250 mm/min	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

