

Bapolene® LD100F

Low Density Polyethylene

Bamberger Polymers, Inc.

Message:

Bapolene LD100F is an unmodified low density polyethylene which extrudes into a low gloss high impact film. It is available without slip/antiblock additives. This product meets FDA standards for food contact applications.

General Information			
Features	Gloss, low		
	Impact resistance, high		
	Compliance of Food Exposure		
Uses	Films		
	Architectural application field		
	Agricultural application		
	Shrinkable film		
	Heavy packing bag		
Agency Ratings	FDA Food Exposure, Not Rated		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
secant modulus			ASTM D882
MD	159	MPa	ASTM D882
TD	19.0	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	23.4	MPa	ASTM D882
TD: Yield	20.7	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	500	%	ASTM D882
TD: Fracture	800	%	ASTM D882
Dart Drop Impact (50 µm)	320	g	ASTM D1709
Elmendorf Tear Strength - MD (50 µm)	890	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Haze	15	%	ASTM D1003
Additional Information			
Film Thickness, 2:1 blow-up ratio: 50µmGloss, ASTM D2457: 35%			

Extrusion	Nominal Value	Unit
Melt Temperature	195 - 205	°C

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

