

BFI 345

Low Density Polyethylene

Blueridge Films Inc.

Message:

BFI 345 is a Low Density Polyethylene material. It is available in North America.

General Information			
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD : Blown Film	179	MPa	
1% Secant, TD : Blown Film	207	MPa	
Tensile Strength			ASTM D882
MD : Break,Blown Film	27.6	MPa	
TD : Break,Blown Film	23.4	MPa	
Tensile Elongation			ASTM D882
MD : Break,Blown Film	300	%	
TD : Break,Blown Film	500	%	
Dart Drop Impact (Blown Film)	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : Blown Film	360	g	
TD : Blown Film	200	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	70		ASTM D2457
Haze	5.0	%	ASTM D1003

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Recommended distributors for this material

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