

BFI 2287

High Density (HMW) Polyethylene

Blueridge Films Inc.

Message:

BFI 2287 is a High Density (HMW) Polyethylene material. It is available in North America. Primary attribute of BFI 2287: High Molecular Weight.

General Information			
Features	High Density		
	High Molecular Weight		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/21.6 kg	10	g/10 min	
190°C/5.0 kg	0.31	g/10 min	
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882
MD : Yield,20 µm	36.5	MPa	
TD : Yield,20 µm	34.5	MPa	
MD : Break, 20 µm	63.4	MPa	
TD : Break, 20 µm	67.6	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break, 20 µm	300 to 500	%	
TD : Break, 20 µm	300 to 500	%	
Dart Drop Impact (20 µm)	350	g	ASTM D1709A
Water Vapor Transmission	12	g/m ² /24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	127	°C	ASTM D3417
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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Recommended distributors for this material

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