

BFI 428

High Density Polyethylene

Blueridge Films Inc.

Message:

BFI 428 is a High Density Polyethylene material. It is available in North America.

General Information			
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.947	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.28	g/10 min	
190°C/21.6 kg	20	g/10 min	
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882A
MD : Yield	24.1	MPa	
TD : Yield	25.5	MPa	
MD : Break	54.5	MPa	
TD : Break	39.3	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break	600	%	
TD : Break	700	%	
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	28	g	
TD	530	g	
Water Vapor Transmission ³	7.8	g/m ² /24 hr	ASTM E96
Thermal	Nominal Value	Unit	
Melting Temperature	126	°C	
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	Procedure E		

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Recommended distributors for this material

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