

BFI Conductive Film

Polyethylene
Blueridge Films Inc.

Message:

BFI Conductive Film is a Polyethylene material filled with carbon fiber. It is available in North America. Primary attribute of BFI Conductive Film: Conductive.
Typical applications include:
Bags/Liners
Hose/Tubing
Packaging

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Conductive		
	Non-Sloughing		
Uses	Bags		
	Packaging		
	Tubing		
Appearance	Black		
	Opaque		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Break)	> 13.8	MPa	ASTM D882
Tensile Elongation - MD (Break)	> 150	%	ASTM D882
Dart Drop Impact	250 to 700	g	ASTM D1709
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 3.0E+4	ohms	ASTM D257
Volume Resistivity	< 3.0E+4	ohms · cm	ASTM D991
Additional Information	Nominal Value	Unit	Test Method
Burst Strength - (Mullen)	0.138 to 0.414	MPa	ASTM D774
Heat Seal Temperature ¹	121 to 191	°C	
Tear Strength	> 70.1	kN/m	ASTM D882
NOTE			

1.

Time: 0.5 - 3.5 secondsPressure: 30
- 70 PSI

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