

BFI 3271

Polypropylene Impact Copolymer

Blueridge Films Inc.

Message:

BFI 3271 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in North America for blow molding. Primary attribute of BFI 3271: Copolymer.

Typical application of BFI 3271: Film

General Information			
Features	Impact Copolymer		
Uses	Film		
Forms	Film		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD : Blown Film	2410	MPa	
TD : Blown Film	4140	MPa	
Tensile Strength			ASTM D882
MD : Break,Blown Film	152	MPa	
TD : Break,Blown Film	241	MPa	
Tensile Elongation			ASTM D882
MD : Break,Blown Film	150	%	
TD : Break,Blown Film	60	%	
Water Vapor Transmission Rate (38°C, Blown Film, 90% RH)	0.12	g·mm/m ² /atm/24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	160 to 165	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze	1.0	%	ASTM D1003

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Recommended distributors for this material

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