

Braskem PE BF323HC

Low Density Polyethylene

Braskem

Message:

BF0323HC is a high molecular weight grade produced under high pressure. Films obtained with this product show excellent mechanical and optical properties.

Applications:

Heavy duty bags; agriculture, co extruded and shrink films.

General Information			
Features	High Molecular Weight		
	Opticals		
Uses	Agricultural Applications		
	Film		
	Heavy-duty Bags		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
	Blown Film		
	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.32	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	ASTM D882
Tensile Strength			
MD : Break	40.0	MPa	
TD : Break	30.0	MPa	ASTM D882
Tensile Elongation			
MD : Break	390	%	
TD : Break	1000	%	ASTM D1709
Dart Drop Impact	100	g	
Elmendorf Tear Strength - TD	90	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	72		ASTM D2457
Haze	10	%	ASTM D1003

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