

Braskem BF 0323 HC LDPE Blown Film Extrusion Polyethylene

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Description: BF0323HC is a high molecular weight grade produced under high pressure. Films obtained with this product show excellent mechanical and optical properties 38µm film gauge, obtained in 75mm extruder, die gap 1.0mm, output 1.75 kg/h-cm with 2:1 BUR.

Applications: Heavy duty bags; agricultural films; shrink films for pallets. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-BF-0323-HC-LDPE-Blown-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ASTM D1505
Thickness	38.0 microns	1.50 mil	
Melt Flow	0.32 g/10 min @Load 2.16 kg, Temperature 230 °C	0.32 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	390 %	390 %	ASTM D882
Film Elongation at Break, TD	1040 %	1040 %	ASTM D882
Elmendorf Tear Strength, TD	90.0 g/micron	2290 g/mil	ASTM D1922
Dart Drop	100 g/micron	2540 g/mil	F50; ASTM D1709
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	ASTM D1003
Gloss	72 %	72 %	60° angle; ASTM D2457

Descriptive Properties	Value	Comments
Minimum Recommended Thickness	50 µm	

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