

Braskem Flexus® 7200 Cast Film Extrusion Polyethylene

Category : Polymer , Film , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Braskem Flexus7200 is a Linear Low Density Polyethylene, metallocene ethylene-hexene copolymer, produced by gas phase process. It was specially designed to provide outstanding processing performance. Films obtained with this grade show excellent impact and puncture resistances. It contains antioxidant additives. Applications: Stretch films; Liners; LDPE and HDPE blends; Packages for general use. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Flexus-7200-Cast-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 mil	
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	990 %	990 %	ASTM D882
Film Elongation at Break, TD	1040 %	1040 %	ASTM D882
Elmendorf Tear Strength MD	250 g	250 g	gF; ASTM D1922
Elmendorf Tear Strength TD	460 g	460 g	gF; ASTM D1922
Dart Drop Test	170 g	0.375 lb	g/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
1% Secant Modulus, MD	180 MPa	26100 psi	ASTM D882
1% Secant Modulus, TD	190 MPa	27600 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	28 % @Thickness 0.0250 mm	28 % @Thickness 0.000984 in	ASTM D1003
Gloss	60 %	60 %	60°; ASTM D2457

Optical Properties

@Thickness 0.0250
Metric

@Thickness 0.000984
English

Comments

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