

Braskem Flexus® 7200 LLDPE Cast Film Extrusion

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

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.20µm film gauge, obtained in cast extruderApplications: 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-LLDPE-Cast-Film-Extrusion.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	20.0 microns	0.787 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
Secant Modulus, MD	0.180 GPa	26.1 ksi	1%, Flexural; ASTM D882
Secant Modulus, TD	0.190 GPa	27.6 ksi	1%, Flexural; ASTM D882
Elmendorf Tear Strength, MD	12.5 g/micron	318 g/mil	ASTM 1922
Elmendorf Tear Strength, TD	23.0 g/micron	584 g/mil	ASTM 1922
Dart Drop	8.50 g/micron	216 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	28 %	28 %	ASTM D1003
Gloss	60 %	60 %	ASTM D2457

Processing Properties	Metric	English	Comments
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Processing Temperature	220 - 460 °C	428 - 860 °F	
Processing Properties	Metric	English	Comments

Contact Songhan Plastic Technology Co.,Ltd.

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