

Braskem Flexus® 9200 Blown Film Extrusion Polyethylene

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

Material Notes:

Description: Flexus 9200 is a LLDPE hexene copolymer produced through metallocene catalyst which presents excellent impact and puncture strength, beyond a differential sealing performance comparing with another typical LLDPE. It processing aid and antioxidant additives. Applications: Heavy-duty bags; Liners; LDPE and HDPE blends; Packages for general use. Additives: PPA Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Flexus-9200-Blown-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.917 g/cc	0.917 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 mil	
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	1010 %	1010 %	ASTM D882
Film Elongation at Break, TD	1210 %	1210 %	ASTM D882
Elmendorf Tear Strength MD	240 g	240 g	gF; ASTM D1922
Elmendorf Tear Strength TD	380 g	380 g	gF; ASTM D1922
Dart Drop Test	>= 850 g	>= 1.87 lb	gF/50%f; ASTM D1709
Film Tensile Strength at Break, MD	70.0 MPa	10200 psi	ASTM D882
Film Tensile Strength at Break, TD	60.0 MPa	8700 psi	ASTM D882
1% Secant Modulus, MD	130 MPa	18900 psi	ASTM D882
1% Secant Modulus, TD	150 MPa	21800 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	7.0 % @Thickness 0.0250 mm	7.0 % @Thickness 0.000984 in	ASTM D1003
Gloss	123 %	123 %	60°; ASTM D2457

Optical Properties

@Thickness 0.0250
Metric

@Thickness 0.000984
English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China