

Braskem LF0720/20AF Blown Film Extrusion Linear Low Density Polyethylene

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

Material Notes:

Description: LF0720/21AF is a LLDPE Butene copolymer produced using Unipol process technology. It shows excellent optical properties associated with good balance of mechanical properties, processing performance and sealability. This resin contains Antioxidant, Antiblocking and Processing Aid additive Heavy duty bags; Liners; LDPE and HDPE blends; Packages for general use. Additives: Antiblock, PPA Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LF072020AF-Blown-Film-Extrusion-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.921 g/cc	0.921 g/cc	ASTM D1505/D792
Thickness	38.0 microns	1.50 mil	
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	830 %	830 %	ASTM D882
Film Elongation at Break, TD	1170 %	1170 %	ASTM D882
Elmendorf Tear Strength MD	100 g	100 g	gF; ASTM D1922
Elmendorf Tear Strength TD	400 g	400 g	gF; ASTM D1922
Dart Drop Test	100 g	0.221 lb	gF/50%F; 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	200 MPa	29000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	9.0 % @Thickness 0.0380 mm	9.0 % @Thickness 0.00150 in	ASTM D1003
Gloss	112 %	112 %	60°; ASTM D2457

Optical Properties	@Thickness 0.0380 Metric	@Thickness 0.00150 in English	Comments
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