

Braskem LH0820/30AF Blown Film Extrusion Linear Low Density Polyethylene

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

Material Notes:

Description: LH0820/30AF is a LLDPE hexene copolymer produced by Braskem. It offers outstanding processability combined with excellent mechanical properties. Very low gel amount. Applications: Lamination; Valvular bags; LDPE and HDPE blends. Additives: Antiblock, PPA Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LH082030AF-Blown-Film-Extrusion-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 mil	
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 190 °C	0.80 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	950 %	950 %	ASTM D882
Film Elongation at Break, TD	1180 %	1180 %	ASTM D882
Elmendorf Tear Strength MD	270 g	270 g	gF; ASTM D1922
Elmendorf Tear Strength TD	500 g	500 g	gF; ASTM D1922
Dart Drop Test	170 g	0.375 lb	gF/50%g; ASTM D1709
Film Tensile Strength at Break, MD	50.0 MPa	7250 psi	ASTM D882
Film Tensile Strength at Break, TD	40.0 MPa	5800 psi	ASTM D882
1% Secant Modulus, MD	170 MPa	24700 psi	ASTM D882
1% Secant Modulus, TD	180 MPa	26100 psi	ASTM D882

Optical Properties	Metric	English	Comments
Gloss	49 % @Thickness 0.0250 mm	49 % @Thickness 0.000984 in	60°; ASTM D2457

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