

Braskem LL118 Blown Film Extrusion Linear Low Density Polyethylene

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

Material Notes:

Description: LL218/21 is a LLDPE Butene copolymer produced by Braskem. It was specially designed to provide outstanding processing performance. Films obtained with this grade show good physical and optical properties and enhanced sealability. Additive: Antiblocking Medium and Slip Médium 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-LL118-Blown-Film-Extrusion-Linear-Low-Density-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	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	1140 %	1140 %	ASTM D882
Film Elongation at Break, TD	1440 %	1440 %	ASTM D882
Elmendorf Tear Strength MD	140 g	140 g	gF; ASTM D1922
Elmendorf Tear Strength TD	340 g	340 g	gF; ASTM D1922
Dart Drop Test	100 g	0.221 lb	gF/50%f; ASTM D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	Ultimate; ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	Ultimate; ASTM D882
1% Secant Modulus, MD	200 MPa	29000 psi	ASTM D882
1% Secant Modulus, TD	220 MPa	31900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Gloss	24 % @Thickness 0.0250 mm	24 % @Thickness 0.000984 in	60°; ASTM D2457

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