

Braskem LH 218 LLDPE Cast Film Extrusion Polyethylene

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

Material Notes:

38µm film gauge, obtained in 40mm extruder, with blow up ratio 2, 2:1 Applications: Stretch film; shrink film; "liners"; general purpose; HDPE and LDPE blends. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LH-218-LLDPE-Cast-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	38.0 microns	1.50 mil	
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 190 °C	2.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	1310 %	1310 %	ASTM D882
Film Elongation at Break, TD	1560 %	1560 %	ASTM D882
Secant Modulus, MD	0.200 GPa	29.0 ksi	1%; ASTM D882
Secant Modulus, TD	0.230 GPa	33.4 ksi	1%; ASTM D882
Elmendorf Tear Strength MD	150 g	150 g	ASTM D1922
Elmendorf Tear Strength TD	190 g	190 g	ASTM D1922
Dart Drop Test	100 g	0.221 lb	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
Gloss	24 %	24 %	60° angle; ASTM D2457

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