

Braskem EB853 Cast Film Extrusion Low Density Polyethylene

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

Material Notes:

LLDPE and HDPE blends. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-EB853-Cast-Film-Extrusion-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.923 g/cc	0.923 g/cc	ASTM D1505/D792
Thickness	38.0 microns	1.50 mil	
Melt Flow	2.7 g/10 min @Load 2.16 kg, Temperature 190 °C	2.7 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	280 %	280 %	ASTM D882
Elmendorf Tear Strength TD	100 g	100 g	gF; ASTM D1922
Dart Drop Test	<= 50.0 g	<= 0.110 lb	g/F50; ASTM D1709
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	5.0 % @Thickness 0.0380 mm	5.0 % @Thickness 0.00150 in	ASTM D1003
Gloss	113 % @Thickness 0.0380 mm	113 % @Thickness 0.00150 in	60°; ASTM D2457

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