

Braskem EB861 Blown Film Extrusion Low Density Polyethylene

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

Material Notes:

Medium-resistance films for general use; Mulching films; Shrink films; Coextrusion. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-EB861-Blown-Film-Extrusion-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.921 g/cc	0.921 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 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	240 %	240 %	ASTM D882
Film Elongation at Break, TD	1090 %	1090 %	ASTM D882
Elmendorf Tear Strength TD	100 g	100 g	gF; ASTM D1922
Dart Drop Test	140 g	0.309 lb	gF/50%f; ASTM D1709
Film Tensile Strength at Break, MD	50.0 MPa	7250 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 % @Thickness 0.0250 mm	10 % @Thickness 0.000984 in	ASTM D1003
Gloss	87 % @Thickness 0.0250 mm	87 % @Thickness 0.000984 in	60°; ASTM D2457

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