

Braskem BC818 Extrusion Coating Low Density Polyethylene

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

Material Notes:

Description: BC818 is a grade produced under high pressure in an autoclave reactor. In the coating process it presents very good optical properties, low neck-in, good film stability, and good adhesion on porous substrate. Without additives. Applications: Extrusion coating; injection of general parts and carrier for masterbatches. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-BC818-Extrusion-Coating-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ASTM D1505/D792
Thickness	25.0 microns	0.984 mil	
Melt Flow	8.1 g/10 min @Load 2.16 kg, Temperature 190 °C	8.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	380 %	380 %	ASTM D882
Film Elongation at Break, TD	870 %	870 %	ASTM D882
Flexural Modulus, 1% Secant	70.0 MPa	10200 psi	ASTM D882
Elmendorf Tear Strength TD	56 g	56 g	gF; ASTM D1922
Dart Drop Test	>= 64.0 g	>= 0.141 lb	gF/50%F; ASTM D1709
Film Tensile Strength at Break, MD	25.0 MPa	3630 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	8.0 % @Thickness 0.0250 mm	8.0 % @Thickness 0.000984 in	ASTM D1003
Gloss	76 % @Thickness 0.0250 mm	76 % @Thickness 0.000984 in	60°; ASTM D2457

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China