Braskem PB681/59 LDPE Blown Film Extrusion Polyethylene

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

Material Notes:

38µm film gauge, obtained in 75mm extruder, die gap 1.0mm, output 1.75 kg/h-cm with 2:1 BUR. Applications: Lamination film; general purpose. Information provided by Braskem

Order this product through the following link:
http://www.lookpolymers.com/polymer_Braskem-PB68159-LDPE-Blown-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in³	ASTM D1505
Thickness	38.0 microns	1.50 mil	
Melt Flow	3.8 g/10 min @Load 2.16 kg, Temperature 230 °C	3.8 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.0 MPa	1450 psi	ASTM D638
Film Elongation at Break, MD	391 %	391 %	ASTM D882
Film Elongation at Break, TD	1217 %	1217 %	ASTM D882
Elongation at Break	624 %	624 %	ASTM D638
Coefficient of Friction	0.10	0.10	ASTM D1894
Elmendorf Tear Strength, TD	3.80 g/micron	96.5 g/mil	ASTM D1922
Dart Drop	1.94 g/micron	49.3 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	22.0 MPa	3190 psi	ASTM D882
Film Tensile Strength at Break, TD	17.0 MPa	2470 psi	ASTM D882
Heat Seal Strength Initiation Temperature	105 °C	221 °F	Sealing Initial Temperature; Braskem® Method

Thermal Properties	Metric	English	Comments
Vicat Softening Point	89.0 °C	192 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	5.4 %	5.4 %	ASTM D1003

Optical Properties	Metric	English	Comments
Gloss	12 %	12 %	60° angle; ASTM D2457

Descriptive Properties	Value	Comments
Additives	Antiblock and Slip	
Minimum Recommended Thickness	25 µm	

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