

Braskem LL 218/21 LLDPE Blown 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: Automatic packaging (FFS); "liners"; general purpose; HDPE and LDPE blends. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LL-21821-LLDPE-Blown-Film-Extrusion-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	38.0 microns	1.50 mil	
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	1401 %	1401 %	ASTM D882
Film Elongation at Break, TD	1646 %	1646 %	ASTM D882
Secant Modulus, MD	0.150 GPa	21.8 ksi	1%; ASTM D882
Secant Modulus, TD	0.176 GPa	25.5 ksi	1%; ASTM D882
Coefficient of Friction	0.17	0.17	ASTM D1894
Elmendorf Tear Strength, MD	4.40 g/micron	112 g/mil	ASTM 1922
Elmendorf Tear Strength, TD	13.3 g/micron	338 g/mil	ASTM 1922
Dart Drop	2.34 g/micron	59.4 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	36.0 MPa	5220 psi	ASTM D882
Film Tensile Strength at Break, TD	29.0 MPa	4210 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	45.2 %	45.2 %	ASTM D1003
Gloss	3.2 %	3.2 %	60° angle; ASTM D2457

Descriptive Properties	Value	Comments
Additives	Antiblock and Slip	

Descriptive Properties	Value	Comments
Minimum Recommended Thickness	30 μ m	

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