

## Braskem LL218/21 Cast Film Extrusion Linear Low Density Polyethylene

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

### Material Notes:

Liners, LDPE and HDPE blends; General use packages; Technical films for automatic packaging. Additives: Antiblock, DInformation provided by Braskem.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-LL21821-Cast-Film-Extrusion-Linear-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-LL21821-Cast-Film-Extrusion-Linear-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.917 g/cc	0.917 g/cc	ASTM D1505/D792
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	1140 %	1140 %	ASTM D882
Film Elongation at Break, TD	1440 %	1440 %	ASTM D882
Elmendorf Tear Strength MD	140 g	140 g	gF; ASTM D1922
Elmendorf Tear Strength TD	340 g	340 g	gF; ASTM D1922
Dart Drop Test	100 g	0.221 lb	g/F50; ASTM D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882
1% Secant Modulus, MD	200 MPa	29000 psi	ASTM D882
1% Secant Modulus, TD	220 MPa	31900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	56 % @Thickness 0.0380 mm	56 % @Thickness 0.00150 in	ASTM D1003
Gloss	24 % @Thickness 0.0380 mm	24 % @Thickness 0.00150 in	60°; ASTM D2457

## **Contact Songhan Plastic Technology Co.,Ltd.**

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