

Braskem LF218/21 LLDPE Cast and Blown Film Extrusion Polyethylene Copolymer

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

Material Notes:

LF218/21 is a LLDPE Butene copolymer produced by Braskem. It was specially designed to provide outstanding processing performance. Films obtained with this grade show good physical and optical properties and enhanced sealability. It contains medium antiblocking and medium slip additives. Its applications include: liners, LDPE and HDPE blends, general use packages, and technical films for automatic packaging.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LF21821-LLDPE-Cast-and-Blown-Film-Extrusion-Polyethylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ASTM-D792
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	1120 %	1120 %	ASTM-D882
Film Elongation at Break, TD	1270 %	1270 %	ASTM-D882
Elmendorf Tear Strength MD	100 g	100 g	ASTM-D1922
Elmendorf Tear Strength TD	290 g	290 g	ASTM-D1922
Elmendorf Tear Strength, MD	2.63 g/micron	66.8 g/mil	ASTM-D1922
Elmendorf Tear Strength, TD	7.63 g/micron	194 g/mil	ASTM-D1922
Dart Drop	2.11 g/micron	53.6 g/mil	ASTM-D1709
Dart Drop Test	80.0 g	0.176 lb	ASTM-D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ASTM-D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM-D882
1% Secant Modulus, MD	170 MPa	24700 psi	ASTM-D882
1% Secant Modulus, TD	210 MPa	30500 psi	ASTM-D882

Optical Properties	Metric	English	Comments
Haze	14 %	14 %	ASTM-D1003

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