

Braskem LL3800N HDPE Cast Film Extrusion Polyethylene Copolymer

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

Material Notes:

The resin LL3800N is a high-density polyethylene, copolymer octene-1, produced by the solution process for the extrusion of plain films with excellent mechanical properties. It has an antirust additive. Its applications include: extrusion of plain films for diapers; hygienic absorbers; and other specialties. LL3800N is indicated for the processing in a plain die extruding machine in conditions that are similar to the other types of high-density linear polyethylene of equivalent fluidity and density. Recommended temperature range: 250 to 290 °C.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-LL3800N-HDPE-Cast-Film-Extrusion-Polyethylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in ³	ASTM-D792
Melt Flow	4.9 g/10 min @Load 2.16 kg, Temperature 190 °C	4.9 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	1320 %	1320 %	ASTM-D882
Film Elongation at Break, TD	740 %	740 %	ASTM-D882
Elmendorf Tear Strength MD	20 g	20 g	ASTM-D1922
Elmendorf Tear Strength TD	30 g	30 g	ASTM-D1922
Elmendorf Tear Strength, MD	0.800 g/micron	20.3 g/mil	ASTM-D1922
Elmendorf Tear Strength, TD	1.20 g/micron	30.5 g/mil	ASTM-D1922
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	450 MPa	65300 psi	ASTM-D882
1% Secant Modulus, TD	160 MPa	23200 psi	ASTM-D882

Optical Properties	Metric	English	Comments
Haze	75 %	75 %	ASTM-D1003
Gloss	12 %	12 %	Angle 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