

Braskem Green PE SLH218 Blow Film Extrusion and Cast Film Extrusion Linear Low Density Polyethylene

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

Material Notes:

Description: SLH218 is a LLDPE Hexene copolymer produced by Braskem. It shows a good balance between optical properties, mechanical properties (Mainly stretchability), sealability and processability. Very low gel contained. The minimum biobased content of this grade is 84%, determined according to ASTM D6866. Additive: Slip Absent; Antiblock Absent Applications: Stretch films; Liners; LDPE and HDPE blends; packages for general use; Others applications: insulation for low and medium tension XLPE wires and cables; blends for irrigation pipes. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Green-PE-SLH218-Blow-Film-Extrusion-and-Cast-Film-Extrusion-Linear-Low-Density-Polyethylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|-----------------|
| Specific Gravity | 0.916 g/cc | 0.916 g/cc | ASTM D1505/D792 |
| Thickness | 25.0 microns | 0.984 mil | |
| Melt Flow | 2.3 g/10 min @Load 2.16 kg, Temperature 190 °C | 2.3 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|----------|-----------|-------------------|
| Film Elongation at Break, MD | 1170 % | 1170 % | ASTM D882 |
| Film Elongation at Break, TD | 1500 % | 1500 % | ASTM D882 |
| Elmendorf Tear Strength MD | 240 g | 240 g | gF; ASTM D1922 |
| Elmendorf Tear Strength TD | 520 g | 520 g | gF; ASTM D1922 |
| Dart Drop Test | 110 g | 0.243 lb | g/F50; ASTM D1709 |
| Film Tensile Strength at Break, MD | 40.0 MPa | 5800 psi | ASTM D882 |
| Film Tensile Strength at Break, TD | 40.0 MPa | 5800 psi | ASTM D882 |
| 1% Secant Modulus, MD | 210 MPa | 30500 psi | ASTM D882 |
| 1% Secant Modulus, TD | 240 MPa | 34800 psi | ASTM D882 |

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