

## Braskem LHB118/21AF Blown Film Extrusion Linear Low Density Polyethylene

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

### Material Notes:

Frozen chicken packages; Meat-based frozen packages. Additives: Antiblock, D, PPA, PEBD Information provided by Braskem.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-LHB11821AF-Blown-Film-Extrusion-Linear-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-LHB11821AF-Blown-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           | 1.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 1.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ASTM D1238      |

| Mechanical Properties              | Metric   | English   | Comments            |
|------------------------------------|----------|-----------|---------------------|
| Film Elongation at Break, MD       | 1000 %   | 1000 %    | ASTM D882           |
| Film Elongation at Break, TD       | 1280 %   | 1280 %    | ASTM D882           |
| Elmendorf Tear Strength MD         | 80 g     | 80 g      | gF; ASTM D1922      |
| Elmendorf Tear Strength TD         | 560 g    | 560 g     | gF; ASTM D1922      |
| Dart Drop Test                     | 100 g    | 0.221 lb  | gF/50%f; ASTM D1709 |
| Film Tensile Strength at Break, MD | 40.0 MPa | 5800 psi  | ASTM D882           |
| Film Tensile Strength at Break, TD | 30.0 MPa | 4350 psi  | ASTM D882           |
| 1% Secant Modulus, MD              | 180 MPa  | 26100 psi | ASTM D882           |
| 1% Secant Modulus, TD              | 210 MPa  | 30500 psi | ASTM D882           |

| Optical Properties | Metric                       | English                       | Comments        |
|--------------------|------------------------------|-------------------------------|-----------------|
| Haze               | 12 %<br>@Thickness 0.0380 mm | 12 %<br>@Thickness 0.00150 in | ASTM D1003      |
| Gloss              | 98 %<br>@Thickness 0.0380 mm | 98 %<br>@Thickness 0.00150 in | 60°; ASTM D2457 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China