

## ExxonMobil Escorene® LL-1108 LLDPE Film/Sandwich Bag Resin; 1.2 mil Film (discontinued \*\*)

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

### Material Notes:

Data provided by the manufacturer, Exxon Chemical. An LLDPE blown film resin formulated with high slip, medium antiblock and processing aid for narrow die gap extrusion. Films made from LL-1108 have very good tensile properties and toughness. Applications: Liners; Packaging film; Sandwich bags; Food storage bags; Overwrap. Data for film properties below based on 1.2 mil film.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LL-1108-LLDPE-FilmSandwich-Bag-Resin-12-mil-Film-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LL-1108-LLDPE-FilmSandwich-Bag-Resin-12-mil-Film-nbspdiscontinued-.php)

| Physical Properties | Metric        | English                   | Comments     |
|---------------------|---------------|---------------------------|--------------|
| Density             | 0.925 g/cc    | 0.0334 lb/in <sup>3</sup> | Exxon Method |
| Thickness           | 30.5 microns  | 1.20 mil                  |              |
| Melt Flow           | 0.80 g/10 min | 0.80 g/10 min             | Exxon Method |

| Mechanical Properties              | Metric        | English    | Comments         |
|------------------------------------|---------------|------------|------------------|
| Film Tensile Strength at Yield, MD | 12.3 MPa      | 1780 psi   | ASTM D882        |
| Film Tensile Strength at Yield, TD | 10.5 MPa      | 1520 psi   | ASTM D882        |
| Film Elongation at Break, MD       | 590 %         | 590 %      | ASTM D882        |
| Film Elongation at Break, TD       | 740 %         | 740 %      | ASTM D882        |
| Secant Modulus, MD                 | 0.292 GPa     | 42.4 ksi   | ASTM D882        |
| Secant Modulus, TD                 | 0.332 GPa     | 48.2 ksi   | ASTM D882        |
| Elmendorf Tear Strength MD         | 140 g         | 140 g      | ASTM D1922       |
| Elmendorf Tear Strength TD         | 460 g         | 460 g      | ASTM D1922       |
| Elmendorf Tear Strength, MD        | 4.61 g/micron | 117 g/mil  | ASTM D1922       |
| Elmendorf Tear Strength, TD        | 15.1 g/micron | 383 g/mil  | ASTM D1922       |
| Dart Drop                          | 3.11 g/micron | 79.0 g/mil | F50; ASTM D1709  |
| Dart Drop Test                     | 95.0 g        | 0.209 lb   | F50; ASTM D-1709 |
| Film Tensile Strength at Break, MD | 46.0 MPa      | 6670 psi   | ASTM D882        |
| Film Tensile Strength at Break, TD | 38.0 MPa      | 5510 psi   | ASTM D882        |

| Thermal Properties | Metric | English | Comments     |
|--------------------|--------|---------|--------------|
| Melting Point      | 124 °C | 255 °F  | Exxon Method |

| Optical Properties | Metric | English | Comments         |
|--------------------|--------|---------|------------------|
| Haze               | 24 %   | 24 %    | ASTM D1003       |
| Gloss              | 39 %   | 39 %    | 45°, ASTM D-2457 |

## 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