

## LyondellBasell Lupolex FA LLDPE

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

### Material Notes:

Description: Lupolex 25G FA is a linear low density polyethylene (LLDPE) used for blending, film, packaging, and bagsFeatures:

AntioxidantGood Puncture ResistanceHigh RigidityHigh ClarityGood Heat SealInformation provided by Basell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Lupolex-FA-LLDPE.php](http://www.lookpolymers.com/polymer_LyondellBasell-Lupolex-FA-LLDPE.php)

| Physical Properties | Metric                                                | English                                               | Comments |
|---------------------|-------------------------------------------------------|-------------------------------------------------------|----------|
| Density             | 0.925 g/cc                                            | 0.0334 lb/in <sup>3</sup>                             | ISO 1183 |
| Thickness           | 50.8 microns                                          | 2.00 mil                                              |          |
| Melt Flow           | 0.70 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 0.70 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ISO 1133 |

| Mechanical Properties              | Metric        | English    | Comments           |
|------------------------------------|---------------|------------|--------------------|
| Film Elongation at Break, MD       | 700 %         | 700 %      | ISO 527            |
| Film Elongation at Break, TD       | 750 %         | 750 %      | ISO 527            |
| Coefficient of Friction            | 1.1           | 1.1        | Elenac Test Method |
| Dart Drop                          | 2.36 g/micron | 60.0 g/mil | ASTM D1709         |
| Film Tensile Strength at Break, MD | 35.00 MPa     | 5076 psi   | ISO 527            |
| Film Tensile Strength at Break, TD | 35.00 MPa     | 5076 psi   | ISO 527            |

| Optical Properties | Metric | English | Comments        |
|--------------------|--------|---------|-----------------|
| Haze               | 11 %   | 11 %    | ASTM D1003      |
| Gloss              | 63 %   | 63 %    | 45°; ASTM D2457 |

## Contact Songhan Plastic Technology Co.,Ltd.

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