

## ExxonMobil LDPE LD 358BW Low Density Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

### Material Notes:

Product Description: LD 358BW is an EVA LDPE which offers a combination of excellent sealability and toughness even at low temperatures. Availability: Europe Additive: Antiblock: No Slip: No Thermal Stabilizer: Yes Applications: Agricultural Film Co-Extrusion Films Construction Film Foams Form Fill and Seal Packaging Freezer Film Heavy Duty Bags Ice Bags Profile Extrusion Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LDPE-LD-358BW-Low-Density-Polyethylene-Resin-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-358BW-Low-Density-Polyethylene-Resin-European-Grade.php)

| Physical Properties   | Metric        | English                   | Comments          |
|-----------------------|---------------|---------------------------|-------------------|
| Density               | 0.926 g/cc    | 0.0335 lb/in <sup>3</sup> | ExxonMobil method |
| Vinyl Acetate Content | 4.0 %         | 4.0 %                     | ExxonMobil Method |
| Melt Flow             | 0.28 g/10 min | 0.28 g/10 min             | ASTM D1238        |

| Mechanical Properties              | Metric   | English   | Comments    |
|------------------------------------|----------|-----------|-------------|
| Film Elongation at Break, MD       | 500 %    | 500 %     | ASTM D882   |
| Film Elongation at Break, TD       | 650 %    | 650 %     | ASTM D882   |
| Elmendorf Tear Strength MD         | 220 g    | 220 g     | ASTM D1922  |
| Elmendorf Tear Strength TD         | 350 g    | 350 g     | ASTM D1922  |
| Dart Drop Test                     | 640 g    | 1.41 lb   | ASTM D1709A |
| Film Tensile Strength at Break, MD | 29.0 MPa | 4200 psi  | ASTM D882   |
| Film Tensile Strength at Break, TD | 26.9 MPa | 3900 psi  | ASTM D882   |
| 1% Secant Modulus, MD              | 152 MPa  | 22000 psi | ASTM D882   |
| 1% Secant Modulus, TD              | 159 MPa  | 23000 psi | ASTM D882   |

| Thermal Properties | Metric    | English   | Comments                              |
|--------------------|-----------|-----------|---------------------------------------|
| Melting Point      | <= 221 °C | <= 430 °F | Peak Melting Point; ExxonMobil method |

| Optical Properties | Metric | English | Comments   |
|--------------------|--------|---------|------------|
| Haze               | 9.1 %  | 9.1 %   | ASTM D1003 |

## Contact Songhan Plastic Technology Co.,Ltd.

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