

## ExxonMobil LDPE LD 150AC Low Density Polyethylene Resin

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

### Material Notes:

**Product Description:** LD 150 series are LDPE grades, offering good blend mechanical properties and stiffness. Several additive packages are available according to the required surface properties. **Availability:** Africa & Middle East, Asia Pacific and Europe **Additive:** Antiblock: 450 ppm Slip: 500 ppm **Thermal Stabilizer:** Yes **Applications:** Agricultural Film Blend Partner Co-Extrusion Films Collation Shrink Form Fill and Seal Packaging Freezer Film Lamination Film Medium Duty Shrink Film Shoppers **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LDPE-LD-150AC-Low-Density-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-150AC-Low-Density-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	0.75 g/10 min @Load 2.16 kg, Temperature 190 °C	0.75 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	450 ppm	450 ppm	
Slip Level	500 ppm	500 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	370 %	370 %	ASTM D882
Film Elongation at Break, TD	570 %	570 %	ASTM D882
Elmendorf Tear Strength MD	200 g	200 g	ASTM D1922
Elmendorf Tear Strength TD	200 g	200 g	ASTM D1922
Dart Drop Test	180 g	0.397 lb	ASTM D1709A
Film Tensile Strength at Break, MD	24.1 MPa	3500 psi	ASTM D882
Film Tensile Strength at Break, TD	22.8 MPa	3300 psi	ASTM D882
1% Secant Modulus, MD	221 MPa	32000 psi	ASTM D882
1% Secant Modulus, TD	262 MPa	38000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 228 °C	<= 442 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
--------------------	--------	---------	----------

Optical Properties	Metric	English	Comments <sup>13</sup>
Gloss	64 %	64 %	45°; 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