

## ExxonMobil LDPE LD 364HE Low Density Polyethylene Resin

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

### Material Notes:

Product Description: LD 364HE is an LDPE, offering a good combination of mechanical, optical and sealing properties. Availability: Africa & Middle East and Europe Additive: Antiblock: 1500 ppm Slip: 550 ppm Thermal Stabilizer: Yes Applications: Co-Extrusion Films Foams Form Fill and Seal Packaging Freezer Film High Clarity Film Lamination Film Poultry Bag Rice Bags Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LDPE-LD-364HE-Low-Density-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-364HE-Low-Density-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	0.60 g/10 min @Load 2.16 kg, Temperature 190 °C	0.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	1500 ppm	1500 ppm	
Slip Level	550 ppm	550 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	320 %	320 %	ASTM D882
Film Elongation at Break, TD	560 %	560 %	ASTM D882
Elmendorf Tear Strength MD	130 g	130 g	ASTM D1922
Elmendorf Tear Strength TD	180 g	180 g	ASTM D1922
Dart Drop Test	270 g	0.595 lb	ASTM D1709A
Film Tensile Strength at Break, MD	24.1 MPa	3500 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882
1% Secant Modulus, MD	159 MPa	23000 psi	ASTM D882
1% Secant Modulus, TD	172 MPa	25000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 219 °C	<= 426 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D1003

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

## 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