

## ExxonMobil LDPE LD 368ON Low Density Polyethylene Resin

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

### Material Notes:

Product Description: LD 368 series are high clarity EVA LDPE grades, offering good optical properties combined with toughness and impact resistance. Two additive combinations are available according to the required surface properties. Availability: Africa & Middle East and Europe Additive: Antiblock: 1750 ppm Slip: No Thermal Stabilizer: Yes Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LDPE-LD-368ON-Low-Density-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-368ON-Low-Density-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	1750 ppm	1750 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	200 %	200 %	ASTM D882
Film Elongation at Break, TD	510 %	510 %	ASTM D882
Elmendorf Tear Strength MD	180 g	180 g	ASTM D1922
Elmendorf Tear Strength TD	150 g	150 g	ASTM D1922
Dart Drop Test	230 g	0.507 lb	ASTM D1709A
Film Tensile Strength at Break, MD	22.1 MPa	3200 psi	ASTM D882
Film Tensile Strength at Break, TD	19.3 MPa	2800 psi	ASTM D882
1% Secant Modulus, MD	159 MPa	23000 psi	ASTM D882
1% Secant Modulus, TD	179 MPa	26000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 223 °C	<= 433 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Gloss	70 %	70 %	45°; ASTM D2457

Optical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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