

## ExxonMobil LLDPE LL 1201XV Linear Low Density Polyethylene Resin (European Grade)

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

### Material Notes:

Product Description: LL 1201 series are LLDPE grades, offering excellent combination of stiffness and optical properties (when blended with 10-20% LDPE) Availability: Africa & Middle East, Asia Pacific and Europe Additive: Antiblock: NoSlip: NoProcessing Aid: NoThermal Stabilizer: Yes Applications: Blown Film Bread Bags Food packaging Form Fill and Seal Packaging Garment Film General Packaging Industrial Packaging Label Film Multilayer Packaging Film Overwrap Film Packaging Films Produce Bags Shoppers Shrink Film Stand Up Pouches Trash Bags Zipper Bag Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LLDPE-LL-1201XV-Linear-Low-Density-Polyethylene-Resin-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-LLDPE-LL-1201XV-Linear-Low-Density-Polyethylene-Resin-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	620 %	620 %	ASTM D882
Film Elongation at Break, TD	910 %	910 %	ASTM D882
Elmendorf Tear Strength MD	50 g	50 g	ASTM D1922
Elmendorf Tear Strength TD	450 g	450 g	ASTM D1922
Dart Drop Test	70.0 g	0.154 lb	ASTM D1709A
Film Tensile Strength at Break, MD	60.0 MPa	8700 psi	ASTM D882
Film Tensile Strength at Break, TD	42.1 MPa	6100 psi	ASTM D882
1% Secant Modulus, MD	303 MPa	44000 psi	ASTM D882
1% Secant Modulus, TD	331 MPa	48000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 253 °C	<= 487 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	12 %	12 %	ASTM D1003

Optical Properties	Metric	English	Comments
Gloss	50°	50°	45° ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

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