

## ExxonMobil LDPE LD 380BA Blown Low Density Polyethylene Resin (European Grade)

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

### Material Notes:

Product Description: LD 380BA offers good toughness and optical properties. Availability: Africa & Middle East and Europe Additive:

Antiblock: NoSlip: No Thermal Stabilizer: NoApplications: Coextrusion FilmsDiaper BacksheetEmbossed FilmFoamsHygiene

PackagingLabel FilmOverwrap FilmPaper OverwrapInformation provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LDPE-LD-380BA-Blown-Low-Density-Polyethylene-Resin-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-380BA-Blown-Low-Density-Polyethylene-Resin-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	1.9 g/10 min @Load 2.16 kg, Temperature 190 °C	1.9 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, TD	17.2 MPa	2500 psi	ASTM D882
Film Elongation at Break, MD	380 %	380 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Elmendorf Tear Strength MD	150 g	150 g	ASTM D1922
Elmendorf Tear Strength TD	180 g	180 g	ASTM D1922
Dart Drop Test	70.0 g	0.154 lb	ASTM D1709A
Film Tensile Strength at Break, MD	29.0 MPa	4200 psi	ASTM D882
Film Tensile Strength at Break, TD	24.1 MPa	3500 psi	ASTM D882
1% Secant Modulus, MD	338 MPa	49000 psi	ASTM D882
1% Secant Modulus, TD	379 MPa	55000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 241 °C	<= 466 °F	Peak Melting Point; ExxonMobil method

**Contact Songhan Plastic Technology Co.,Ltd.**

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