

## ExxonMobil LLDPE LL 3402.48 Blown Linear Low Density Polyethylene Resin

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

### Material Notes:

**Product Description:** LL 3402.48 is a hexane medium density polyethylene blown film grade for applications requiring high stiffness. It can also be used in cast films. Films produced from the resin exhibit good tensile and puncture resistance properties. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: NoProcessing Aid: No Thermal Stabilizer: Yes **Applications:** Agricultural FilmBlown FilmDiaper BacksheetOverwrap FilmInformation provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LLDPE-LL-340248-Blown-Linear-Low-Density-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LLDPE-LL-340248-Blown-Linear-Low-Density-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in <sup>3</sup>	ExxonMobil method
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	17.2 MPa	2500 psi	ASTM D882
Film Tensile Strength at Yield, TD	22.8 MPa	3300 psi	ASTM D882
Film Elongation at Break, MD	770 %	770 %	ASTM D882
Film Elongation at Break, TD	930 %	930 %	ASTM D882
Puncture Energy	0.395 J	0.292 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	20 g	20 g	ASTM D1922
Elmendorf Tear Strength TD	110 g	110 g	ASTM D1922
Dart Drop Test	<= 50.0 g	<= 0.110 lb	ASTM D1709A
Film Tensile Strength at Break, MD	49.0 MPa	7100 psi	ASTM D882
Film Tensile Strength at Break, TD	41.4 MPa	6000 psi	ASTM D882
1% Secant Modulus, MD	545 MPa	79000 psi	ASTM D882
1% Secant Modulus, TD	689 MPa	100000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 263 °C	<= 505 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	18 %	18 %	ASTM D1003
Gloss	40 %	40 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	5 lbf	ExxonMobil Method

## 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