

**ExxonMobil LL 1237x98 Cast Film Resin (discontinued \*\*)**

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE) , Film Grade

**Material Notes:**

LL 1237x70 is a butene LLDPE with improved stiffness. It can be used alone or as a component in packaging and industrial film. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LL-1237x98-Cast-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-LL-1237x98-Cast-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in <sup>3</sup>	ExxonMobil Method
Melt Flow	3.65 g/10 min	3.65 g/10 min	ASTM D1238
Antiblock Level	7500 ppm	7500 ppm	
Slip Level	1500 ppm	1500 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.34 MPa	1210 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	8.07 MPa	1170 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	530 %	530 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Puncture Energy	0.452 J	0.333 ft-lb	ExxonMobil
Elmendorf Tear Strength, MD	1.48 g/micron	37.5 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	10.33 g/micron	262.5 g/mil	ASTM D1922
Dart Drop	<= 2.46 g/micron	<= 62.5 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	39.2 MPa	5690 psi	ASTM D882
Film Tensile Strength at Break, TD	19.0 MPa	2760 psi	ASTM D882
1% Secant Modulus, MD	154 MPa	22400 psi	ASTM D882
1% Secant Modulus, TD	153.4 MPa	22250 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	5.4 %	5.4 %	ASTM D1003
Gloss	81 %	81 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

## Contact Songhan Plastic Technology Co.,Ltd.

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