

## ExxonMobil LD 637.LI Molding, Extrusion and Compounding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

### Material Notes:

**Product Description:** LD 637.LI is a high melt index LDPE homopolymer intended for injection molding or compounding applications requiring high flow. It is ideal for tamper-evident, tear-to-open closures. It can also be used in compounds and concentrates. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: 550 ppm **Thermal Stabilizer:** No **Applications:** CapsClosuresCompounding Injection Molding Masterbatch Base Resin **Viscosity Modifier Information provided by ExxonMobil Chemical**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-LD-637LI-Molding-Extrusion-and-Compounding-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-LD-637LI-Molding-Extrusion-and-Compounding-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in <sup>3</sup>	ExxonMobil Method
Melt Flow	40 g/10 min @Load 2.16 kg, Temperature 190 °C	40 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Slip Level	550 ppm	550 ppm	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	15s; ASTM D2240
Hardness, Shore D	43	43	15s; ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	ASTM D638
Tensile Strength, Yield	12.4 MPa	1800 psi	ASTM D638
Elongation at Break	110 %	110 %	ASTM D638
Elongation at Yield	30 %	30 %	ASTM D638
1% Secant Modulus	276 MPa	40100 psi	ASTM D790
Impact Test	19.0 J	14.0 ft-lb	@ 73°F, Instrumented Impact Total Energy; ASTM D3763
	21.7 J @Temperature 0.000 °C	16.0 ft-lb @Temperature 32.0 °F	Instrumented Impact Total Energy; ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	105 °C	221 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	86.1 °C	187 °F	ASTM D1525

## **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**