

## ExxonMobil Escorene® LL-8361 LLDPE, Rotational Molding Powder (discontinued \*\*)

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

### Material Notes:

Data Provided by Exxon Chemical Canada.Characteristics: Fully formulated, UV-8 type protection, Good flowUses: Consumer items, Potable water tanks, Laundry tubs

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LL-8361-LLDPE-Rotational-Molding-Powder-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LL-8361-LLDPE-Rotational-Molding-Powder-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.932 g/cc	0.0337 lb/in <sup>3</sup>	ASTM D4883
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F-50; 10% Igepal Cond. B; ASTM D1693
Melt Flow	5.2 g/10 min @Load 2.16 kg, Temperature 190 °C	5.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	15.9 MPa	2310 psi	ASTM D638
Elongation at Break	765 %	765 %	ASTM D638
Flexural Modulus	0.503 GPa	73.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	125 °C	257 °F	Exxon Method
Deflection Temperature at 0.46 MPa (66 psi)	49.0 °C	120 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	37.0 °C	98.6 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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