

## ExxonMobil Escorene® HD-8660 LHDPE Rotational Molding Grade (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Rotational Molding Grade

### Material Notes:

Data provided by the manufacturer, Exxon Chemical. HD-8600 series are linear high density polyethylene resins that provide outstanding environmental stress crack resistance. HD-8660 is fully formulated long term UV stability package in pellet form. Applications: Large agricultural tanks; Industrial products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-HD-8660-LHDPE-Rotational-Molding-Grade-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-HD-8660-LHDPE-Rotational-Molding-Grade-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in <sup>3</sup>	Exxon Method
Environmental Stress Crack Resistance	200 hour	200 hour	F50, Condition B; ASTM D-1693
Melt Flow	2.0 g/10 min	2.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.6 MPa	2700 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	0.710 GPa	103 ksi	ASTM D790
Impact Test	237 J @Thickness 6.35 mm, Temperature -40.0 °C	175 ft-lb @Thickness 0.250 in, Temperature -40.0 °F	Impact Strength; Max Force; ARM

Thermal Properties	Metric	English	Comments
Melting Point	133 °C	271 °F	Exxon Method
Deflection Temperature at 0.46 MPa (66 psi)	54.5 °C	130 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	42.0 °C	108 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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