

ExxonMobil Escorene® LL-8556 LMDPE Rotational Molding Grade (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Linear Medium Density Polyethylene (LMDPE), Rotational Molded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A linear medium density polyethylene having improved flow characteristics vs. LL-8300's series resins, yet retaining outstanding whiteness and a good balance of environmental stress crack resistance and low temperature toughness. LL-8556 is ground form. Applications: Portable water tanks; Toys; Threaded tote containers; Food storage and laundry bins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LL-8556-LMDPE-Rotational-Molding-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 430 hour	>= 430 hour	F50, Condition B; ASTM D1693
Melt Flow	6.8 g/10 min	6.8 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.9 MPa	2450 psi	ASTM D638
Elongation at Break	415 %	415 %	ASTM D638
Flexural Modulus	0.579 GPa	84.0 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	125.5 °C	257.9 °F	Exxon Method
Deflection Temperature at 0.46 MPa (66 psi)	50.0 °C	122 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	38.0 °C	100 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China