

ExxonMobil LL 8455.24 Rotational Molding Resin (discontinued **)

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

Material Notes:

LL 8450 is a linear low density butene copolymer designed to offer excellent processability, whiteness and fast grinding rate. This resin is ideally suited for applications that require excellent dimensional control and low warpage. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-845524-Rotational-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.936 g/cc	0.0338 lb/in ³	ASTM D4883
ESCR 100% Igepal®	36 hour	36 hour	ASTM D1693
ESCR 10% Igepal®	24 hour	24 hour	ASTM D1693
Melt Flow	5.5 g/10 min	5.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.03 MPa	2325 psi	ASTM D638
Elongation at Yield	17.1 %	17.1 %	ASTM D638
Flexural Modulus	0.703 GPa	102 ksi	1% secant; ASTM D790
Impact Test	70.5 J	52.0 ft-lb	ARM
	@Thickness 3.17 mm, Temperature -40.0 °C	@Thickness 0.125 in, Temperature -40.0 °F	
	156 J	115 ft-lb	ARM
	@Thickness 6.35 mm, Temperature -40.0 °C	@Thickness 0.250 in, Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	125 °C	257 °F	ASTM D3418
Crystallization Temperature	109.4 °C	228.9 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	59.0 °C	138 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	38.0 °C	100 °F	ASTM D648

Descriptive Properties	Value	Comments
Features	medium term UV 4 stabilization	

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Contact Songhan Plastic Technology Co.,Ltd.

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