

ICO Polymers ICORENE®, 150-1500 HDPE Rotational Molding Resin

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

Material Notes:

Description: ICORENE 150-1500 polyethylene developed for use in rotational molding. It has very high stiffness, toughness, and scratch resistance combined with good processability. This product is enhanced with ICOPower, RotoGO, ColorBrite and Veriform. The base resin is FDA approved and is fully stabilized to UV8 level. Key Characteristics: high stiffness, high toughness, good processing. Applications: This ICORENE® grade is particularly suitable for use in kayak applications. Information provided by ICO Polymers. A Schulman acquired ICO, Inc. in 2010.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ICO-Polymers-ICORENE-150-1500-HDPE-Rotational-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	ASTM D1505
Melt Index of Compound	3.8 g/10 min @Load 2.16 kg, Temperature 190 °C	3.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	25.30 MPa	3669 psi	2"/min; ASTM D638
Elongation at Break	611 %	611 %	2"/min; ASTM D638
Flexural Modulus	0.96499 GPa	139.96 ksi	ASTM D790
Impact	26 @Temperature -40.0 °C	26 @Temperature -40.0 °F	J/mm, instrumented impact, rotomolded test sample; ICO R&D1.14

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