

## ICO Polymers ICORENE<sup>®</sup>,ç 150-1501 HDPE Rotational Molding Resin

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

**Material Notes:**

Description: ICORENE 150-1501 is a high density 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. Key Characteristics: high stiffness, high toughness, good processing Applications: This ICORENE<sup>®</sup> 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-150-1501-HDPE-Rotational-Molding-Resin.php](http://www.lookpolymers.com/polymer_ICO-Polymers-ICORENE-150-1501-HDPE-Rotational-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D1505
Melt Index of Compound	3.2 g/10 min @Load 2.16 kg, Temperature 190 °C	3.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	ASTM D2240
Tensile Strength, Yield	26.6 MPa	3860 psi	50 mm/min; ASTM D638
Elongation at Break	412 %	412 %	50 mm/min; ASTM D638
Flexural Modulus	1.151 GPa	166.9 ksi	1.3 mm/min; ASTM D790
Impact	26 @Temperature -40.0 °C	26 @Temperature -40.0 °F	J/mm, instrumented impact, rotomolded test sample; ICO R&D1.14

Descriptive Properties	Value	Comments
UV Light Weatherometer Test	8000 hours	ASTM G26

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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