

ICORENE® 1339

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 1339 is a hexene high density polyethylene specifically developed for use in rotational moulding.

ICORENE® 1339 is designed for use in many different rotomoulding applications. It has been designed for applications requiring good stiffness and toughness.

General Information			
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Stiffness		
	Good Toughness		
	Good UV Resistance		
	Hexene Comonomer		
	High Rigidity		
Uses	Tanks		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.943	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal, Rotational Molded)	400	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Tensile Elongation (Break)	> 1000	%	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance ¹ (-20°C)	> 200	J/cm	Internal Method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Melting Temperature	128	°C	ASTM D2117
NOTE			
1.	based on ISO 6603		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

