

# ICORENE® 5704

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® 5704 is a metallocene high density polyethylene specifically developed for rotational moulding.

ICORENE® 5704 is a suitable grade for use in kayaks and boats applications. It has a good balance of properties such as toughness easy flow and stiffness.

General Information			
Additive	UV Stabilizer		
Features	Good Stiffness		
	Good Toughness		
	Good UV Resistance		
	High Flow		
Uses	Water Sports Equipment		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Flexural Modulus	695	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	17	kJ/m <sup>2</sup>	ISO 179
Drop Impact Resistance <sup>1</sup> (-20°C)	200	J/cm	Internal Method
NOTE			
1.	Based on ISO 6603		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

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

