

# ICORENE® 5760

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® 5760 is a high density polyethylene specifically developed for rotational moulding.

ICORENE® 5760 is particularly suitable for use in kayaks and boat applications. It has very high stiffness and scratch resistance combined with good processability.

General Information			
Additive	UV Stabilizer		
Features	Good Processability		
	Good UV Resistance		
	High Scratch Resistance		
	Ultra High Stiffness		
Uses	Water Sports Equipment		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 10% Igepal)	45.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Flexural Modulus	1020	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m <sup>2</sup>	ISO 179
Drop Impact Resistance <sup>1</sup> (-20°C)	205	J/cm	Internal Method
NOTE			
1.	Based on ISO 6603		

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