

ICORENE® 9103 GW1 Natural 0000

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 9103 GW1 NATURAL 0000 is a hexene high density polyethylene specifically developed for use in rotational moulding applications. This grade has a good balance of properties such as toughness, easy flow, stiffness and a glow wire (GW) flammability index of 750°C for 3mm thickness.

General Information			
Features	Glow in the Dark		
	Good Flow		
	Good Toughness		
	Good UV Resistance		
	High Rigidity		
	High Stiffness		
Uses	General Purpose		
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)	3.2	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	> 1000	%	ASTM D638
Flexural Modulus	850	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance (-20°C)	> 200	J/cm	Internal Method
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (3.00 mm)	750	°C	IEC 60695-2-12

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Recommended distributors for this material

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