

ICORENE® 9104 GW1 Natural 0000

Linear Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 9104 GW1 NATURAL 0000 is a linear low density polyethylene specifically developed for use in complex 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 Stiffness		
Uses	General Purpose		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	> 0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.0	MPa	ASTM D638
Tensile Elongation (Break)	> 800	%	ASTM D638
Flexural Modulus	700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance (-20°C)	190	J/cm	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	123	°C	ISO 11357
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (3.00 mm)	750	°C	IEC 60695-2-12

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

