

ICORENE® 2551

Linear Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 2551 is a linear low density polyethylene powder specially developed for rotational moulding.

This grade has been designed for applications requiring good processability, toughness and flexibility.

ICORENE® 2551 is suitable for use in many different applications.

General Information			
Additive	UV Stabilizer		
Features	Good Flexibility		
	Good Processability		
	Good Toughness		
	Good UV Resistance		
Uses	Flotation Devices		
	Furniture		
	Outdoor Furnishings		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.0	MPa	ASTM D638
Flexural Modulus	330	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance (-20°C)	180	J/cm	ISO 6603-2

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Recommended distributors for this material

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