

ICORENE® 2900

Linear Low Density Polyethylene
ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 2900 is a linear low density polyethylene powder specifically developed for rotational moulding.
ICORENE® 2900 is particularly suitable for use in applications requiring a very flexible material.
(ICORENE PEBD900)

General Information			
Additive	UV Stabilizer		
Features	Good Flexibility		
	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	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	5.00	MPa	
Break	9.50	MPa	
Tensile Elongation			ASTM D638
Yield	150	%	
Break	1600	%	
Flexural Modulus	130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance ¹ (-20°C)	150	J/cm	Internal Method
NOTE			
1.	Based on ISO 6603		

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Recommended distributors for this material

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