

ICORENE® 1877

Linear Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 1877 is a linear low density polyethylene powder specifically developed for rotational moulding.

ICORENE® 1877 is suitable for use in general purpose applications. It has a good balance of properties such as toughness and stiffness.

General Information			
Additive	UV Stabilizer		
Features	Balanced Stiffness/Toughness		
	General Purpose		
	Good UV Resistance		
Uses	Containers		
	General Purpose		
	Tanks		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.936	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.0	MPa	ASTM D638
Flexural Modulus	550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance ¹ (-20°C)	170	J/cm	Internal Method
NOTE			

1. Based on ISO 6603

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