

ICORENE® 4007

Polypropylene Impact Copolymer
ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 4007 is a polypropylene copolymer specifically developed for rotational moulding. This grade has very good mechanical properties and presents a high thermal stability. ICORENE® 4007 can be used for outdoor applications.

General Information			
Additive	UV Stabilizer		
Features	Good Colorability		
	Good UV Resistance		
	High Heat Resistance		
	High Stiffness		
Uses	Furniture		
	Outdoor Applications		
	Tanks		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ISO 527-2
Tensile Elongation (Break)	45	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Vicat Softening Temperature	125	°C	ISO 306

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