

ICORENE® 1741 Black 9001

Metallocene High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 1741 BLACK 9001 is a metallocene high density polyethylene specifically developed for use in rotational moulding.

This grade is designed for use in many different rotomoulding applications. It has good overall mouldability, high rigidity and very good toughness.

General Information			
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Moldability		
	Good Toughness		
	Good UV Resistance		
	High Rigidity		
Uses	Tanks		
	Thick-walled Parts		
Appearance	Black		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Flexural Modulus	800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance (-20°C)	180	J/cm	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	126	°C	ISO 11357

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Recommended distributors for this material

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