

# ICORENE® 1761

Metallocene Medium Density Polyethylene  
ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® 1761 is a medium density metallocene polyethylene for rotational moulding applications.  
ICORENE® 1761 is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow, high impact, and surface gloss.

General Information			
Additive	UV Stabilizer		
Features	Good Toughness		
	Good UV Resistance		
	High Flow		
	High Gloss		
	High Impact Resistance		
Uses	General Purpose		
	Molds/Dies/Tools		
Appearance	Natural Color		
	Unspecified Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.0	MPa	ASTM D638
Tensile Elongation (Break)	> 800	%	ASTM D638
Flexural Modulus	700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance <sup>1</sup> (-20°C)	190	J/cm	Internal Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	121	°C	ISO 306
Melting Temperature	123	°C	ISO 11357
NOTE			
1.	Based on ISO 6603		

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#### Recommended distributors for this material

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