

ICORENE® 1761 Black 9005

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

Message:

ICORENE® 1761 BLACK 9005 is a medium density metallocene polyethylene for rotational moulding applications.
This grade is specifically developed for dieseltanks. It has a good balance of properties such as toughness, easy flow and high impact.

General Information			
Additive	UV Stabilizer		
Features	Good Toughness		
	Good UV Resistance		
	High Flow		
	High Gloss		
	High Impact Resistance		
Uses	General Purpose		
	Tanks		
Appearance	Black		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	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			ISO 527-2
Yield	18.0	MPa	
Break	19.0	MPa	
Tensile Elongation (Break)	> 700	%	ISO 527-2
Flexural Modulus	700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance ¹ (-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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