

Technical Data Sheet

ICORENE® 1761 V2 Black 9004

Metallocene Medium Density Polyethylene
Rotomolding



Product Description

ICORENE® 1761 V2 Black 9004 is a metallocene linear low density polyethylene containing a flame retardant additive package for rotational moulding applications.

This grade has been tested by Schulman R&D comply with the requirements to meet UL94 V2 at 3mm thickness.

General

Additive	• Flame Retardant ¹	
Features	• Flame Retardant	• UV Resistant
Uses	• General Purpose	• Tanks
Appearance	• Black	
Forms	• Powder	
Processing Method	• Rotational Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	> 1.00 g/cm ³	> 1.00 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	2470 psi	17.0 MPa	ASTM D638
Tensile Elongation (Break)	650 %	650 %	ASTM D638
Flexural Modulus	72500 psi	500 MPa	ASTM D790
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.12 in (3.0 mm))	V-2	V-2	Internal Method

Notes

¹ Meets UL94 V2

Notes

These are typical property values not to be construed as specification limits.