

Technical Data Sheet

ICORENE® 1761 V2 White

1802

Metallocene Linear Low Density
Polyethylene
Rotomolding



Product Description

ICORENE® 1761 V2 White 1802 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	• White		
Forms	• Powder		
Processing Method	• Rotational Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	> 1.00 g/cm³	> 1.00 g/cm³	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 Modulus	116000 psi	800 MPa	ASTM D638
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
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	58	58	ASTM D2240
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.

