

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/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 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.