

Technical Data Sheet

ICORENE 1762 V2

Metallocene Medium Density Polyethylene

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 1762 V2 is based on a next generation metallocene linear medium density polyethylene containing a halogen free flame retardant additive package for rotational moulding applications. ICORENE® 1762 V2 is available in white, black and some colours.

This grade has been tested to comply with the requirements to meet UL94 V2 at 3mm thickness.

General			
Additive	• Halogen free: Flame Retardant ¹		
Features	• Flame Retardant	• Halogen Free	• UV Resistant
Uses	• General Purpose	• Tanks	
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)	2180 psi	15.0 MPa	ASTM D638
Tensile Elongation (Break)	600 %	600 %	ASTM D638
Flexural Modulus	65300 psi	450 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.