

Technical Data Sheet

Icorene 1762 V2 Colours

Metallocene Medium Density Polyethylene

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 1762 V2 colours represent various products with the same base material with different colour pigments. They are the next generation metallocene linear low density polyethylenes containing a halogen free flame retardant additive package for rotational moulding applications.

These colours have been internally lab tested to comply with the requirements to meet Flame test UL94 V2 at 3mm thickness.

General			
Additive	• Halogen free: Flame Retardant ¹		
Features	• Flame Retardant	• Halogen Free	• UV Resistant
Uses	• General Purpose	• Tanks	
Appearance	• Unspecified Color		
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.