

Technical Data Sheet

ICORENE 9134 M3 White 1103

Linear Low Density Polyethylene

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 9134 M3 FR White 1103 is a linear low density polyethylene containing a flame retardant additive package for use in rotational moulding applications.

This grade comply with the requirements to meet the France NFP 92-501 class M3 at 5mm thickness. Certificate reference number 1846/06/287B.

ICORENE® 9134 M3 FR white 1103 is recommended for outdoor and indoor applications.

General		
Additive	- Flame Retardant ¹ - UV Stabilizer	
Features	- Flame Retardant - Good Flow - Good Processability - UV Resistant	
Uses	- Building Materials - Construction Applications	
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
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength			ASTM D638
Yield	1740 psi	12.0 MPa	
Break	1600 psi	11.0 MPa	
Tensile Elongation			ASTM D638
Yield	19 %	19 %	
Break	35 %	35 %	
Flexural Modulus	94300 psi	650 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Drop Impact Resistance ² (73°F (23°C))	1.35 in·lb/mil	60.0 J/cm	Internal Method

Notes

¹ Meets France NFP 92-501 class M3 (5mm thickness)

² Based on ISO 6603

Notes

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