

Technical Data Sheet

Icorene 3560 MP3

Linear Low Density Polyethylene

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 3560 is a linear low density polyethylene specifically developed for rotational moulding.

This grade is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow and stiffness.

ICORENE® 3560MP3 has enhanced flow properties for those challenging and intricate moulding problems.

General			
Additive	• UV Stabilizer		
Features	• Good Flow • Good Processability	• Good Stiffness • Good Toughness	• UV Resistant
Uses	• Additive	• Containers	• General Purpose
Appearance	• Natural Color	• Unspecified Color	
Forms	• Microgranules		
Processing Method	• Rotational Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.935 g/cm ³	0.935 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)	2470 psi	17.0 MPa	ASTM D638
Flexural Modulus	79800 psi	550 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Drop Impact Resistance ¹ (-4°F (-20°C))	3.82 in·lb/mil	170 J/cm	Internal Method
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	55	55	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Peak Melting Temperature	257 °F	125 °C	ASTM D3418

Notes

¹ Based on ISO 6603

Notes

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