

Technical Data Sheet

ICORENE 6005

Linear Low Density Polyethylene

LyondellBasell Industries

Rotomolding

Product Description

ICORENE® 6005 is a linear low density polyethylene specifically formulated with a foaming agent suitable for rotomoulding.

This grade is a foam concentrate that needs to be added and mixed with polyethylene powder with addition level within 5 and 25%.

ICORENE® 6005-010, 6005-014 and 6005-020 have been already diluted and are ready to use and has a high cohesion with a PE skin.

General

Additive	• UV Stabilizer		
Features	• Bondability	• Foamable	• UV Resistant
Uses	• Containers	• Protective Coverings	
Forms	• Powder		
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
Apparent (Bulk) Density			Internal Method
-- 1	0.20 to 0.25 g/cm ³	0.20 to 0.25 g/cm ³	
-- 2	0.15 to 0.20 g/cm ³	0.15 to 0.20 g/cm ³	
-- 3	0.12 to 0.15 g/cm ³	0.12 to 0.15 g/cm ³	

Notes

¹ Expanded density ICORENE® 6005-010

² Expanded density ICORENE® 6005-014

³ Expanded density ICORENE® 6005-020

Notes

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