

Icorene Grey Granite 25 GSTB

LyondellBasell Industries - Linear Medium Density Polyethylene

General Information

Product Description

Icorene Grey Granite is a resin combinations specifically designed for high appearance parts. Color combinations create dramatic effects from natural stone to bright and bold colors that really pop.

General

Additive	• UV Stabilizer
Features	• Good Processability • UV Resistant • UV Stabilized
Uses	• General Purpose
Appearance	• Grey
Forms	• Powder
Processing Method	• Rotational Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	2670	psi	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus - 1% Secant	118000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (32°F, 0.125 in, Rotational Molded)	> 40	ft·lb	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	138	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	104	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min