

Technical Data Sheet

Icorene GREY GRANITEGRY



Polyethylene, Linear Medium Density

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.

Regulatory Status

For regulatory compliance information, see *Icorene* GREY GRANITEGRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Rotomolding
Attribute	Good Processability; UV Resistant
Forms	Powder
Appearance	Grey
Additive	UV Stabilizer
Application	General Purpose

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	6.5	g/10 min	ASTM D1238
Density	0.941	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield, (50 mm/min)	18.4	MPa	ASTM D638
Flexural Modulus, (1% Secant)	812	MPa	ASTM D790
Tensile Elongation at Break	150	%	ASTM D638
Impact			
Impact Strength, (0 °C, 3.18 mm, Rotational Molded)	>54	J	ARM
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	40	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	59	°C	ASTM D648

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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