

Technical Data Sheet

Icorene Grey Granite 25 GSTB



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.

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