

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.

<b>Processing Method</b>	Rotomolding
<b>Attribute</b>	Good Processability; UV Resistant
<b>Forms</b>	Powder
<b>Appearance</b>	Grey
<b>Additive</b>	UV Stabilizer
<b>Application</b>	General Purpose

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	6.5	g/10 min	ASTM D1238
Density	0.941	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
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
<b>Impact</b>			
Impact Strength, (0 °C, 3.18 mm, Rotational Molded)	>54	J	ARM
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	40	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	59	°C	ASTM D648