



**Hubercarb® G60**  
**CALCIUM CARBONATE**

**DESCRIPTION**

A high purity, medium fine ground calcium carbonate produced from a high brightness marble deposit in Georgia for applications that require high brightness or pure tints. Carefully controlled particle distribution allows the material to be used in applications including carpet backing.

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**TYPICAL PHYSICAL PROPERTIES**

Median Particle Size (Cilas®, µ)  
Moisture (% , ASTM D280)  
Loose Bulk Density (lb/ft<sup>3</sup>, ASTM C110)  
Compacted Bulk Density (lb/ft<sup>3</sup>, ASTM C110)  
Acid Solubility (% in HCl)

**G60**  
61  
0.2  
70  
101  
95 - 98.5

**PARTICLE SIZE (SCREEN) ANALYSIS**

Mesh size	%
+60	1
-100	88
-200	60
-325	43

**TYPICAL CHEMICAL ANALYSIS**

	%
Calcium Carbonate	96.0
Magnesium Carbonate	2.5
Silica and Silicates	0.4
Other	1.5

**MINERAL PROPERTIES**

Color	Marble Hill, Georgia White
Alkalinity (as NaOH, ASTM D1208)	0.4 mg/gm
pH (ASTM D1208)	9.4 (saturated solution)
Hardness (Hand. Of Chem. & Phy)	3 Mohs, relatively non-abrasive
Solubility (Hand. Of Chem. & Phy)	0.0035 gm/100 mL H <sub>2</sub> O at 100°C
Particle Shape (Microscope)	Irregular, uniaxial
Specific Gravity (ASTM D153)	2.7
Refractive Index (Hand. Of Chem. & Phy)	1.6
Weight per Gallon (s.g. x 8.345)	22.6 lbs/solid gallon
Linear Expansion Coefficient (Hand. Of Chem. & Phy)	4.3 x 10 <sup>-6</sup> /°C

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