



Geotex® 10-20
CALCIUM CARBONATE

DESCRIPTION

A high purity, granular calcium carbonate produced from a high brightness marble deposit in Georgia with a controlled particle distribution. In applications needing high brightness material such as plaster and stuccos, Geotex has outstanding performance. The marble crystal structure is useful in recirculation drilling fluids.

TYPICAL PHYSICAL PROPERTIES

Median Particle Size (μ)
Moisture (% , ASTM D280)
Loose Bulk Density (lb/ft³, ASTM C110)
Compacted Bulk Density (lb/ft³, ASTM C110)
Acid Solubility (% in HCl)

Cumberland Center II
3100 Cumberland Blvd
Suite 600
Atlanta, GA 30339
phone: (678) 247-7300
fax: (678) 247-2797
e-mail: hubermaterials@huber.com
www.hubermaterials.com

Geotex 10-20

1387
0.2
95
100
95 - 98.5

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh size	<u> </u> %
+ 10	2
- 20	8

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate	<u> </u> %
Magnesium Carbonate	96.0
Silica and Silicates	2.5
Other	0.4
	1.5

MINERAL PROPERTIES

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

THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Refer to Huber's Standard Conditions of Sale for the only express warranties applicable to the Huber products. Products incorporating Huber products are not warranted by Huber. In no event is Huber liable for consequential damages. Hubercarb® is a registered trademark of J.M. Huber Corporation for calcium carbonate.