

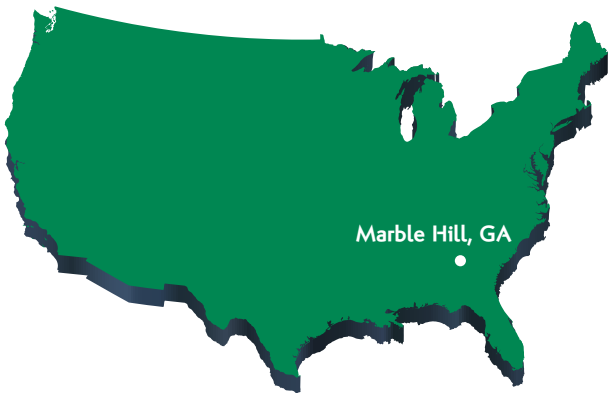


HUBER ENGINEERED MATERIALS



Hubercarb[®] G Series Calcium Carbonate Products

MARBLE HILL, GA



G



The Hubercarb® G Series

High Brightness, High Purity Marble

Hubercarb® G Series Calcium Carbonate is mined from a world-class deposit of high brightness marble in Marble Hill, Georgia. Products include ultra-fine, fine, medium-fine and granular particle sizes. Several of these products have been surface-modified to enhance end-use performance. The G Series products are ideal for applications that require high brightness or pure tints.

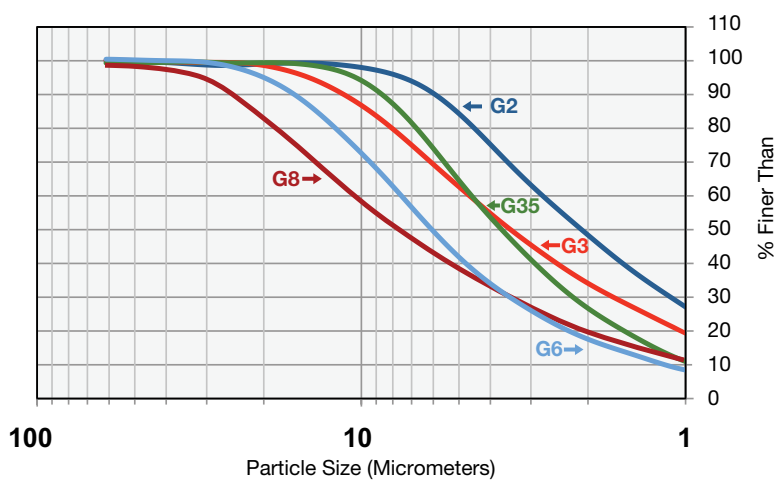
Our Key Ingredient: Quality

At Huber Carbonates, LLC, quality is the key ingredient in all of our products. Our processes are certified to ISO standards and when combined with Six Sigma® tools, you are ensured consistent, high-performing products time after time.

Typical Physical Properties — Ultra-Fine and Fine Products

Hubercarb® G Series	G2	G2T	G3	G3T	G35	G35T	G6	G8
Surface Treatment		Treated		Treated		Treated		
Median Particle Size (μ, SediGraph®)	2	2	3.2	3.2	3.2	3.2	5.5	7
Dry Brightness (Hunter Reflectance)	95	95	95	95	95	95	94	94
Oil Absorption (lbs oil/100 lbs, ASTM D-281)	19	17	18	17	18.5	16	15	15
Moisture (% , ASTM D-280)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Water Demand (ml/100 gms)	69		57		58		45	41
Loose Bulk Density (lbs/ft³, ASTM C-110)	39	39	47	49	51	52	51	50
Compacted Bulk Density (lbs/ft³, ASTM C-110)	55	55	60	61	63	63	85	85
325 Mesh Residue (max, %)	0.005	0.005	0.005	0.005	0.005	0.005	0.05	0.6
Hegman Grind (ASTM D-1210)	6.5	6.5	6	6	6	6	5	3

Particle Size Distribution — SediGraph® Method





CALCIUM CARBONATE

Typical Physical Properties – Medium-Fine and Granular Products

Hubercarb® G Series	G325	G260	Marble Elite® Alpha	Geotex® 40-200	Geotex® 30-200	Geotex® FXZ	Geotex® TXS	Geotex® 30-50	Geotex® 16-40	Geotex® 10-20
Median Particle Size (μ, LLS-CILAS®)	10.5	22								
Dry Brightness (Hunter Reflectance)	93.5	93.5								
Oil Absorption (lbs oil/100 lbs, ASTM D-281)	15	12								
Moisture (% , ASTM D-280)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Water Demand (ml/100 gms)	42	38								
Loose Bulk Density (lbs/ft³, ASTM C-110)	52	58	87	87	87	89	92	95	95	95
Compacted Bulk Density (lbs/ft³, ASTM C-110)	79	82	115	108	108	110	120	105	100	100

Particle Size (Screen) Analysis

Mesh Size	G325	G260	Marble Elite Alpha	Geotex 40-200	Geotex 30-200	Geotex FXZ	Geotex TXS
-20			100	100	100	100	100
-40			97.5	95	99	98	11.8
-60		100	85.1	70	57	65	1.1
-100	100	99.9	65.7	39	28	13	1
-200	99.9	97	42.8	12	8	11	1
-325	99	90	30.5	3	2	7	0.5

Mesh Size	Geotex 30-50	Geotex 16-40	Geotex 10-20
+10			2
+16		2	
-20			8
+30	2		
-40		8	
-50	20		



We look forward to providing you with the highest quality products along with superior technical service support and customer care.

Hubercarb® G Series Calcium Carbonate Products

Typical Chemical Analysis

Chemical	Percent
Calcium Carbonate	96.0%
Magnesium Carbonate	2.5%
Silicas and Silicates	0.4%
Other	1.1%

Other Typical Properties

Color	White
Alkalinity (as NaOH, ASTM D-1208)	0.4 mg/gm
pH (ASTM D-1208)	9.4 (saturated solution)
Hardness (Handbook of Chemistry and Physics)	3 Mohs, relatively non-abrasive
Solubility (Handbook of Chemistry and Physics)	0.0035 gm/100 ml H ₂ O at 100°C
Particle Shape (Microscope)	Irregular, uniaxial
Specific Gravity (ASTM D-153)	2.7
Refractive Index (Handbook of Chemistry and Physics)	1.6
Weight/Solid Gallon (s.g. x 8.345)	22.6 lbs/solid gallon (0.0443 solid gallons/pound)
Linear Expansion Coefficient (Handbook of Chemistry and Physics)	4.3 x 10 ⁻⁶ /°C

G Series Products

- Hubercarb® G2
- Hubercarb® G2T
- Hubercarb® G3
- Hubercarb® G3T
- Hubercarb® G35
- Hubercarb® G35T
- Hubercarb® G6
- Hubercarb® G8
- Hubercarb® G325
- Hubercarb® G260
- Marble Elite® Alpha
- Geotex® 40-200
- Geotex® 30-200
- Geotex® FXZ
- Geotex® TXS
- Geotex® 30-50
- Geotex® 16-40
- Geotex® 10-20

Plant Location

Huber Carbonates, LLC
Route 53
Marble Hill, GA 30148

Applications

- Paints and Coatings
- PVC Pipe
- Joint Compound
- Thermoplastic Compounding
- Caulks and Sealants
- Adhesives
- Rubber
- Vinyl Flooring
- Carpet Backing
- Cultured Marble
- Cleansers
- Stucco
- Drilling Fluids
- Concrete Products

Other Products

- Hubercarb® M Series Calcium Carbonate
- Hubercarb® Q Series Calcium Carbonate
- Hubercarb® W Series Calcium Carbonate

Additional Products Available From

Quincy, Illinois
Marble Falls, Texas



HUBER ENGINEERED MATERIALS

For more information or to order samples, contact us:

1-866-JMHUBER (1-866-564-8237)
www.hubermaterials.com/cc
Email: hubermaterials@huber.com



MARBLE HILL, GA