

HUBERCARB® G SERIES CALCIUM CARBONATE PRODUCTS

MARBLE HILL, GA

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 and granular particle size. 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 QUALITY FOR YOUR QUALITY

At Huber Engineered Materials, quality is an important 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.

The Hubercarb G Series is part of the entire Huber family of solutions. Other products include Alumina Trihydrate (ATH), Barium Sulfate, Magnesium Hydroxide (MDH), Silica and Silicates.

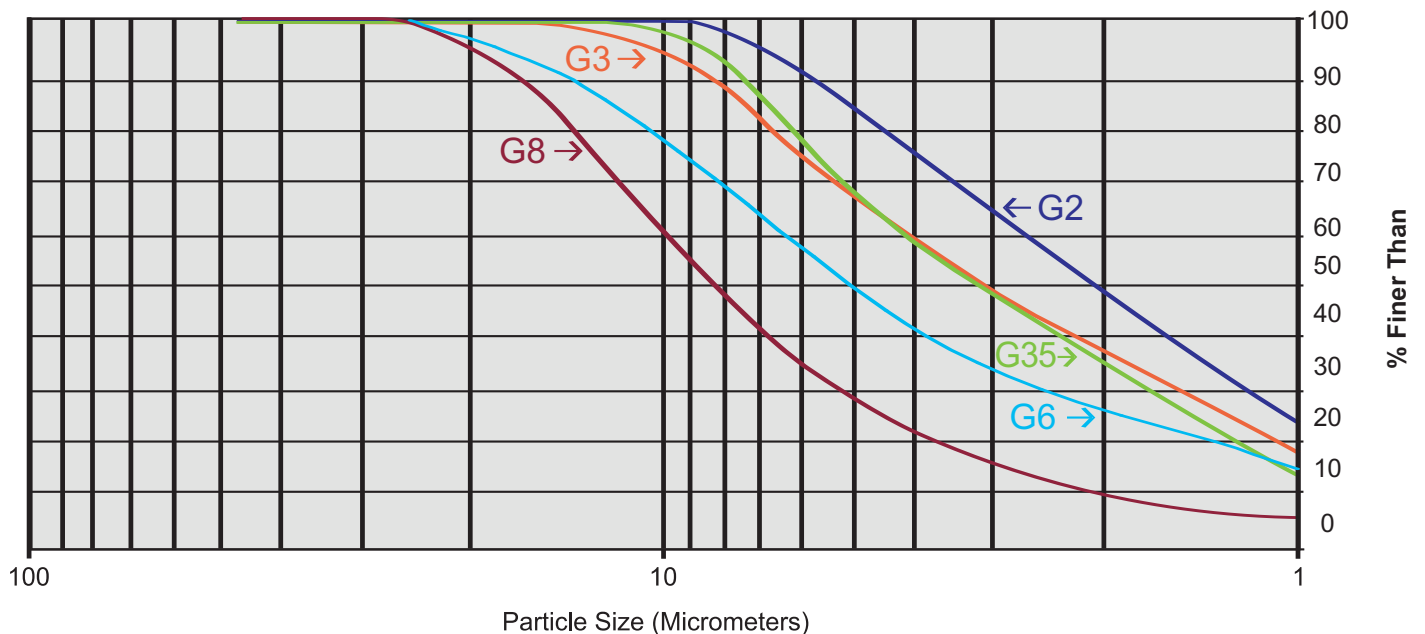


HUBERCARB® G SERIES ULTRA-FINE AND FINE PRODUCTS

TYPICAL PHYSICAL PROPERTIES

Hubercarb® G Series	G2	G2T	G3	G3T	G35	G35T	G6	G8
Surface Treatment		Treated		Treated		Treated		
Median Particle Size (Sedigraph)	2	2	3.2	3.2	3.2	3.2	5.5	9
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
Water Demand (ml/100 gms)	69		57		58		45	41
Moisture (% , ASTM D-280)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Loose Bulk Density (lbs/ft ³ , ASTM C-110)	39	39	47	49	51	52	51	50
Compacted Bulk Density (lbs/ft ³ , ASTM C-110)	55	55	60	61	63	63	85	85
Weight Per Gallon (lbs/solid gallon)	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Residue, 325 Mesh (max), %	0.005	0.005	0.005	0.005	0.005	0.005	0.05	0.08
Hegman Grind (ASTM D-1210)	6.5	6.5	6	6	6	6	5	4

PARTICLE SIZE DISTRIBUTION (P.M.D. Sedigraph Method)



HUBERCARB® G SERIES MEDIUM-FINE AND GRANULAR PRODUCTS

TYPICAL PHYSICAL PROPERTIES

Hubercarb® G Series	G325	G260	Marble Elite® Alpha	Geotex® FXZ	Geotex® TXS	Geotex® 10-20	Geotex® 16-40	Geotex® 30-50
Median Particle Size (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
Water Demand (ml/100 gms)	42	38						
Loose Bulk Density (lbs/ft³, ASTM C-110)	52	58	87	89	92	95	95	95
Compacted Bulk Density (lbs/ft³, ASTM C-110)	79	82	115	110	120	100	100	105
Weight Per Gallon (lbs/solid gallon)	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6

PARTICLE SIZE [SCREEN] ANALYSIS

Mesh Size	G325	G260	Marble Elite Alpha	Geotex FXZ	Geotex TXS
-20			100	100	100
-40			97.5	98.9	11.8
-60		100	85.1	66.8	1.1
-100	100	99.9	65.7	43.6	1
-200	99.9	97	42.8	24.7	1
-325	99	90	30.5	16.5	0.5

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

We look forward to providing you with the highest quality products and service.



HUBERCARB® G SERIES CALCIUM CARBONATE

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate	96.0%
Magnesium Carbonate	2.5%
Silica and Silicates	0.4%
Acid Insoluble	1.5%

OTHER PROPERTIES

Color	White
Alkalinity (as NaOH, ASTM D-1208)	0.4 mg/gm
pH (ASTM D-1208)	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 ₂ O at 100°C
Particle Shape (Microscope)	Irregular, uniaxial
Specific Gravity (ASTM D-153)	2.7
Refractive Index (Hand. Of Chem. & Phy.)	1.6
Weight/Solid Gallon (s.g. x 8.345)	22.6 lbs/solid gallon (0.0443 solid gallons/pound)
Linear Expansion Coefficient (Hand. Of Chem. & Phy.)	4.3 x 10 ⁻⁶ /°C

PRODUCT LISTING

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

APPLICATIONS

- Paint and Coatings
- PVC Pipe
- Joint Compound
- Thermoplastic Compounding
- Caulk and Sealants
- Adhesives
- Rubber
- Vinyl Flooring
- Cultured Marble
- Cleansers
- Stucco
- Drilling Fluid

OTHER PRODUCTS

- M Series
- W Series
- Q Series
- Huberbrite® Barium Sulfate

ADDITIONAL PRODUCTS AVAILABLE FROM

- Marble Falls, TX
- Quincy, IL

PLANT LOCATION

- J.M. Huber Corporation
- Route 53
- Marble Hill, GA 30148



HUBER ENGINEERED MATERIALS

For more information or to order samples, contact us:

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MARBLE HILL, GA