



CALCIUM CARBONATE



Hubercarb[®] and Geotex[®] Calcium Carbonates

for Paints, Coatings, Adhesives,
Caulks and Sealants Applications

High Brightness White Extender | Gloss & Sheen Control | Color Uniformity | Rheology Stability



HUBERCARB[®] AND GEOTEX[®]

Hubercarb[®] G Series and Geotex[®] Marble Calcium Carbonates

Typical Physical Properties

Produced in Marble Hill, Georgia

| Hubercarb [®] G Series | G2 | G2T | G3 | G3T | G35 | G35T | G6 | G8 | G325 | G260 | Geotex [®] FXZ | Geotex [®] 40-200 | Geotex [®] TXS | Geotex [®] 10-20 | Geotex [®] 16-40 | Geotex [®] 30-50 |
|---|-------|-------|-------|-------|-------|-------|------|------|------|------|-------------------------|----------------------------|-------------------------|---------------------------|---------------------------|---------------------------|
| Median Particle Size (μ, SediGraph [®]) | 2 | 2 | 3.2 | 3.2 | 3.2 | 3.2 | 5.5 | 7 | | | | | | | | |
| Median Particle Size (μ, LLS-CILAS [®]) | | | | | | | | | 10.5 | 22 | 232* | 184* | 565* | 1387* | 777* | 415* |
| Dry Brightness (Hunter Reflectance) | 95 | 95 | 95 | 95 | 95 | 95 | 94 | 94 | 93.5 | 93.5 | | | | | | |
| Oil Absorption (lbs oil/100 lbs, ASTM D-281) | 19 | 17 | 18 | 17 | 18.5 | 16 | 15 | 15 | 15 | 12 | | | | | | |
| Water Demand (ml/100 gms) | 69 | | 57 | | 58 | | 45 | 41 | 42 | 38 | | | | | | |
| Moisture (%; ASTM D-280) | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 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 | 52 | 58 | 89 | 87 | 92 | 95 | 95 | 95 |
| Compacted Bulk Density (lbs/ft ³ , ASTM C-110) | 55 | 55 | 60 | 61 | 63 | 63 | 85 | 85 | 79 | 82 | 110 | 108 | 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 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| 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 | | | | | | | | |

*Calculated Value

Hubercarb[®] Q Series Calcium Carbonate

Typical Physical Properties

Produced in Quincy, Illinois

| Hubercarb [®] Q Series | Q2PT | Q2 | Q2T | Q3 | Q3T | Q4 | Q6 | Q325 | Q200 | Q100 | Q60 | Q40-200 | Q12-40 | Q5-20 |
|---|-------|-------|-------|-------|-------|-------|------|------|------|------|------|---------|--------|-------|
| Median Particle Size (μ, SediGraph [®]) | 2 | 2 | 2 | 3.2 | 3.2 | 4.3 | 6 | | | | | | | |
| Median Particle Size (μ, LLS-CILAS [®]) | | | | | | | | 13 | 22 | 24 | 20 | 223* | 799* | 2410* |
| Dry Brightness (Hunter Reflectance) | 90 | 90 | 90 | 89 | 88 | 88 | 87 | 86 | 84 | 83 | 78 | | | |
| Oil Absorption (lbs oil/100 lbs, ASTM D-281) | 16 | 18 | 16 | 18 | 15 | 17 | 16 | 14 | 12 | 12 | 12 | | | |
| Water Demand (ml/100 gms) | | 68 | | 55 | | 54 | 45 | 40 | 36 | 36 | | | | |
| Moisture (%; ASTM D-280) | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.15 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Loose Bulk Density (lbs/ft ³ , ASTM C-110) | 44 | 44 | 41 | 40 | 40 | 40 | 45 | 50 | 55 | 55 | 55 | 85 | 90 | 88 |
| Compacted Bulk Density (lbs/ft ³ , ASTM C-110) | 62 | 52 | 55 | 60 | 60 | 60 | 65 | 80 | 80 | 80 | 95 | 98 | 100 | 98 |
| Weight Per Gallon (lbs/solid gallon) | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| 325 Mesh Residue (max, %) | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.01 | | | | | | | |
| Hegman Grind (ASTM D-1210) | 5.5 | 6.5 | 6.5 | 6 | 6 | 6 | 5 | | | | | | | |

*Calculated Value

TYPICAL PHYSICAL PROPERTIES

Hubercarb® W Series Calcium Carbonate

Typical Physical Properties

Produced in Quincy, Illinois

| Hubercarb® W Series | Optifil® | Optifil® T | W3N | W3NT | W3 | W4 | W325 |
|--|----------|------------|-------|-------|-------|------|------|
| Median Particle Size (μ, SediGraph®) | 1.7 | 1.7 | 2.8 | 3 | 4 | 5.9 | 13 |
| Dry Brightness (Hunter Reflectance) | 93 | 92 | 92 | 92 | 92 | 92 | 92 |
| Oil Absorption (lbs oil/100 lbs, ASTM-281) | 17 | 16 | 15 | 15 | 15 | 13 | |
| Moisture (% , ASTM-D280) | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| Loose Bulk Density (lbs/ft³, ASTM C-110) | 50 | 50 | 50 | 50 | 50 | 55 | 50 |
| Compacted Bulk Density (lbs/ft³, ASTM C-110) | 70 | 70 | 55 | 55 | 55 | 65 | 75 |
| Weight Per Gallon (lbs/solid gallon) | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| 325 Mesh Residue (max, %) | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 1.0 | 5 |
| Hegman Grind (ASTM D-1210) | 6.5 | 6.5 | 6 | 6 | 6 | 2 | |

The Hubercarb® W Series products contain low silica levels.



CALCIUM CARBONATE

Hubercarb® M Series Calcium Carbonate

Typical Physical Properties

Produced in Marble Falls, Texas

| Hubercarb® M Series | M3PT | M3 | M3T | M4 | M6 | M300 | M200 | M70 |
|--|------|------|------|------|------|------|------|------|
| Median Particle Size (μ, SediGraph®) | 3 | 3.3 | 3.3 | 4.5 | 5 | | | |
| Median Particle Size (μ, LLS-CILAS®) | | | | | | 8 | 15 | 18 |
| Dry Brightness (Hunter Reflectance) | 87 | 87 | 87 | 86 | 85 | 84 | 83 | 80 |
| Oil Absorption (lbs oil/100 lbs, ASTM D-281) | 15 | 17 | 15 | 17 | 16 | 13 | 12 | 11 |
| Water Demand (ml/100 gms) | | 50 | | 45 | 45 | 44 | 37 | 34 |
| Moisture (% , ASTM D-280) | 0.2 | 0.2 | 0.2 | 0.2 | 0.15 | 0.1 | 0.1 | 0.1 |
| Loose Bulk Density (lbs/ft³, ASTM C-110) | 42 | 40 | 40 | 40 | 45 | 50 | 60 | 65 |
| Compacted Bulk Density (lbs/ft³, ASTM C-110) | 74 | 60 | 60 | 60 | 65 | 65 | 80 | 90 |
| Weight Per Gallon (lbs/solid gallon) | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| 325 Mesh Residue (max, %) | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |
| Hegman Grind (ASTM D-1210) | 6.5 | 6.5 | 6.5 | 5.5 | 4.5 | | | |

All typical physical properties cannot be considered as specifications.



CALCIUM CARBONATE

Here's the Value of Huber's Ground Calcium Carbonate for Paints, Coatings, Adhesives, Caulks and Sealants Applications:

- Extender
- Gloss Control
- Anti-Slip Additive
- Rheology Modifier
- Densifier

Huber Carbonates, LLC is your source as we are well-positioned to supply your calcium carbonate needs with centralized production locations in Marble Hill, Georgia; Quincy, Illinois; and Marble Falls, Texas. Our **Hubercarb®** and **Geotex®** calcium carbonate grades are high purity and have consistent typical physical properties which are well-suited to meeting your formulation requirements.

In addition to our high-performing products, we offer unsurpassed customer and technical service support.



HUBER ENGINEERED MATERIALS

Huber Engineered Materials looks forward to working with you. For more information on our calcium carbonate products and to order samples for your next paints, coatings, adhesives, caulks and sealants application, contact us:

Phone: 866-JMHUBER (866-564-8237)
Email: hubermaterials@huber.com
Click: hubermaterials.com/coatings



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Quality Management System

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