

Hubercarb® G6 Calcium Carbonate

Product Description:

New from Huber Engineered Materials, Hubercarb® G6 is a fine ground, high brightness calcium carbonate.

SERIES



Defining Characteristics:

Applications:

- Architectural Coatings
- Traffic Paint
- Adhesives, Caulks and Sealants
- Flexible PVC
- Drilling Fluids

- Equivalent Quality to Leading Competitors
- High Brightness Marble
- High Purity
- Superior Particle Size Control
- Low Abrasion
- Unsurpassed Customer Service



HUBER ENGINEERED MATERIALS

Hubercarb® G6 Calcium Carbonate Chemical Makeup

TYPICAL PHYSICAL PROPERTIES

Median Particle Size, Microns (Sedigraph)	5.5
Dry Brightness (Hunter Reflectance)	94
Oil Absorption (lbs oil/100 lbs, ASTM D-281)	15
Water Demand (ml/100 gms)	45
Moisture (% , ASTM D-280)	0.2
Loose Bulk Density (lbs/ft ³ , ASTM C-110)	51
Compacted Bulk Density (lbs/ft ³ , ASTM C-110)	85
Weight Per Gallon (lbs/solid gallon)	22.6
Residue, 325 mesh (Max.), %	0.05
Hegman Grind (ASTM D-1210)	5

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate (CaCO ₃ , PLA 4-70)	96 %
Magnesium Carbonate (MgCO ₃ , PLA 4-70)	2.5 %
Silica and Silicates (SiO ₂ , ASTM C-25)	0.4 %

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/lb)
Linear Expansion Coefficient (Hand. of Chem. & Phy.)	4.3 x 10 ⁻⁶ /°C



HUBER ENGINEERED MATERIALS

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