



HuberCrete® M Extra Fine

CALCIUM CARBONATE

DESCRIPTION

A fine ground calcium carbonate produced from a uniform, high calcium limestone deposit in Marble Falls, Texas. The particle distribution of HuberCrete provides for better concrete through improved workability, enhancing color, cost savings, and environmental benefit by supporting LEED certification. HuberCrete can be easily incorporated into concrete designs for ready mix, self consolidating, precast, or masonry products.

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TYPICAL PHYSICAL PROPERTIES

Median Particle Size (Sedigraph®, μ)
Brightness (Hunter reflectance)
Moisture (% , ASTM D280)
Water Demand (ml/ 100 g)
Loose Bulk Density (lb/ft³, ASTM C110)
Compacted Bulk Density (lb/ft³, ASTM C110)
Acid Solubility (% in HCl)

Extra Fine

4.5
86
0.2
45
40
60
92

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh size
+325 (45μm)

%
0.01

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate
Magnesium Carbonate
Silica and Silicates
Other

%
92.0
1.5
4.5
2.0

MINERAL PROPERTIES

Color
Alkalinity (as NaOH, ASTM D1208)
pH (ASTM D1208)
Hardness (Hand. Of Chem. & Phy)
Solubility (Hand. Of Chem. & Phy)
Particle Shape (Microscope)
Specific Gravity (ASTM D153)
Refractive Index (Hand. Of Chem. & Phy)
Weight per Gallon (s.g. x 8.345)
Linear Expansion Coefficient (Hand. Of Chem. & Phy)

Marble Falls, Texas
White
0.4 mg/gm
9.4 (saturated solution)
3 Mohs, relatively non-abrasive
0.0035 gm/100 mL H₂O at 100°C
Irregular, uniaxial
2.7
1.6
22.6 lbs/solid gallon
4.3 x 10⁻⁶/°C

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