



Hubercarb® Q2T
CALCIUM CARBONATE

DESCRIPTION

A fine ground calcium carbonate produced at Huber’s Quincy, Illinois plant which is known for its natural uniformity producing consistent purity and brightness. The particles are processed with a proprietary fatty acid based surface treatment which allow the material to be used as an extender in pipe, conduit, rubber, plastics, PVC compounds, and polyolefin masterbatches.

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TYPICAL PHYSICAL PROPERTIES

Median Particle Size (Cilas®, μ)
Brightness (Hubter Refelectance)
Oil Absorption(lbs oil / 100 lbs, ASTM D281)
Moisture (% , ASTM D280)
Loose Bulk Density (lb/ft³, ASTM C110)
Compacted Bulk Density (lb/ft³, ASTM C110)
Acid Solubility (% in HCl)
Hegman Grind

Q2T

2.0
90
16
0.2
41
55
98.5 - 99
6.5

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh size
+325 (45μm)

%

0.005

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate
Magnesium Carbonate
Silica and Silicates
Other

%

96.5
2.0
1.0
0.5

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)

Quincy, Illinois
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

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