



Hubercarb® Q200 CALCIUM CARBONATE

DESCRIPTION

A medium fine ground calcium carbonate produced at Huber's Quincy, Illinois plant which is known for its natural uniformity producing consistent purity and brightness. The Q200 particle distribution offers a wide range of applications from carpet backing to cleansers, joint compounds to PVC flooring, concrete to oilfield drilling fluids where its low acid insoluble content is useful.

Cumberland Center II
3100 Cumberland Blvd
Suite 600
Atlanta, GA 30339
phone: (678) 247-7300
fax: (678) 247-2797
e-mail: hubermaterials@huber.com
www.hubermaterials.com

TYPICAL PHYSICAL PROPERTIES

	Q200
Median Particle Size (Cilas®, μ)	22
Brightness (Hunter reflectance)	84
Oil Absorption (lbs oil / 100lbs, ASTM D281)	12
Moisture (% , ASTM D280)	0.1
Water Demand (mL/100 gms)	36
Loose Bulk Density (lb/ft ³ , ASTM C110)	55
Compacted Bulk Density (lb/ft ³ , ASTM C110)	80
Acid Solubility (% in HCl)	98.5 - 99

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh size	%
-325 (45μm)	82

TYPICAL CHEMICAL ANALYSIS

	%
Calcium Carbonate	96.5
Magnesium Carbonate	2
Silica and Silicates	1
Other	0.5

MINERAL PROPERTIES

Color	Quincy, Illinois White
Alkalinity (as NaOH, ASTM D1208)	0.4 mg/gm
pH (ASTM D1208)	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 D153)	2.7
Refractive Index (Hand. Of Chem. & Phy)	1.6
Weight per Gallon (s.g. x 8.345)	22.6 lbs/solid gallon
Linear Expansion Coefficient (Hand. Of Chem. & Phy)	4.3 x 10 ⁻⁶ /°C

THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Refer to Huber's Standard Conditions of Sale for the only express warranties applicable to the Huber products. Products incorporating Huber products are not warranted by Huber. In no event is Huber liable for consequential damages. Hubercarb® is a registered trademark of J.M. Huber Corporation for calcium carbonate.