



**A Huber Company**

**HuberPure™ 6-14 NSF  
CALCIUM CARBONATE**

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**DESCRIPTION**

A granular calcium carbonate with properties that make it especially useful in pH adjustment, corrosion control, and remineralization of water. This product is produced using pure, white, naturally occurring marble from our Quincy, IL facility. HuberPure is listed under NSF/ANSI® Standard 60 for Drinking Water Treatment Chemicals.

**TYPICAL PHYSICAL PROPERTIES**

Moisture (% , ASTM D280)  
Loose Bulk Density (lb/ft<sup>3</sup> , ASTM C110)  
Compacted Bulk Density (lb/ft<sup>3</sup> , ASTM C110)

**HuberPure™ 6-14 NSF**

0.1  
88  
98

**PARTICLE SIZE (SCREEN) ANALYSIS**

Mesh size	%
+6 (3350µm)	6
+12 (1700µm)	91
+16 (1180µm)	97
Uniformity Coefficient	1.6

**TYPICAL CHEMICAL ANALYSIS**

	%
Calcium Carbonate	96.5
Calcium Assay	38.5
Magnesium Carbonate	2.0
Silica and Silicates	1.0
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 <sub>2</sub> 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 <sup>-6</sup> /°C

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