



GROUND CALCIUM CARBONATE

Introducing

Hubercarb® W325 Ground Calcium Carbonate

- **Non-Detectable Silica Means No SDS Health Warning Labels**
- **The Brightest Calcium Carbonate Available From Limestone Ore**

Due to increasing demand for a low crystalline silica alternative, Huber Carbonates, LLC is pleased to introduce Hubercarb® W325 calcium carbonate. Manufactured from the brightest limestone ore available on the market, a key feature of the new W325 grade is its very low silica level of 0.05%, which is considered non-detectable. Consequently, Hubercarb W325 does not require a health warning on its SDS. Other benefits include a consistent particle size at 13 microns along with its white and high brightness appearance.

Hubercarb® W325 Typical Physical Properties

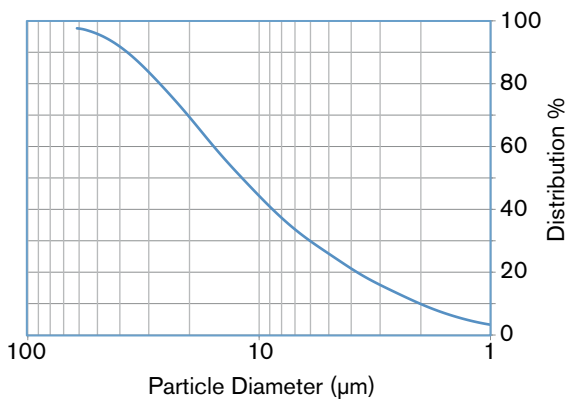
Median Particle Size (Sedigraph®, µ)	13
Brightness (Hunter Reflectance)	92
Moisture (% , ASTM D-280)	0.1
Loose Bulk Density (lbs/ft³, ASTM C-110)	50
Compacted Bulk Density (lbs/ft³, ASTM C-110)	75
Acid Solubility (% in HCl)	99.8

**Hubercarb® W325
Primary Applications**



Paints and Coatings

Hubercarb W325 Particle Size Distribution



Adhesives, Caulks and Sealants

Typical Chemical Analysis

Calcium Carbonate	99.3%
Magnesium Carbonate	0.4%
Silicas and Silicates	0.05%
Iron	40 ppm
Leachable Chlorides	< 5 ppm
Other	0.23%

Particle Size (Screen) Analysis

Mesh Size -325 (45µm)	95%
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Mineral Properties

Color	White
Alkalinity (as NaOH, ASTM D-1208)	0.4 mg/gm
pH (ASTM D-1208)	9.4 (Saturated Solution)
Hardness (Handbook of Chemistry and Physics)	3 Mohs; Relatively Non-Abrasive
Solubility (Handbook of Chemistry and Physics)	0.0035 gm/100 mL H ₂ O at 100°C
Particle Size (Microscope)	Irregular and Uniaxial
Specific Gravity (ASTM D-153)	2.7
Refractive Index (Handbook of Chemistry and Physics)	1.6
Weight Per Gallon (s.g. X 8.345)	22.6 lbs/Solid Gallon
Linear Expansion Coefficient (Handbook of Chemistry and Physics)	4.3 X 10 ⁻⁶ /°C

Huber Carbonates, LLC is your ground calcium carbonate expert with decades of experience offering product use guidance and a collaborative and dedicated technical team for strong customer focus and support. Contact us today for more information and to order a Hubercarb® W325 product sample. We look forward to consulting with you and determining how best W325 will work in your application formulation.

Click: www.calciumcarbonate.com

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ISO 9001:2015 Certified
Quality Management System



GROUND CALCIUM CARBONATE

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