



CALCIUM CARBONATE

## Typical Physical Properties — Medium-Fine and Granular Products

Hubercarb® Q series	Q325	Q200	Q200T	Q100	Q60	Q40-200	Q12-40	Q6-40	Q6-20	Q5-20
Surface Treatment			Treated							
Median Particle Size (LLS-Cilas, $\mu$ )	13	22	22	24	20					
Dry Brightness (Hunter Reflectance)	86	84	84	83	78					
Oil Absorption (lbs oil/100 lbs, ASTM D-281)	14	12	12	12	12					
Moisture (% , ASTM D-280)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Water Demand (ml/100 gms)	40	36		36						
Loose Bulk Density (lbs/ft <sup>3</sup> , ASTM C-110)	50	55	55	55	55	85	90	86	90	88
Compacted Bulk Density (lbs/ft <sup>3</sup> , ASTM C-110)	80	80	80	80	95	98	100	101	100	98

## Particle Size (Screen) Analysis

Mesh Size	Q325	Q200	Q200T	Q100	Q60	Q40-200	Q12-40	Q6-40	Q6-20	Q5-20
-4								100	100	100
-6								99.5	98	94
-8							100	86	75	48
-12							95	68	9	9
-16							72	51	4	3
-20						100	56	34	3	2
-40				100	100	97	7	9		
-60		100	100	99.9	99.6	60	3			
-100	100	99.9	99.9	99	96.5	23				
-200	99.9	99	99	79	78	6				
-325	99.5	82	82	66	61					



We look forward to providing you with the highest quality products, technical service support and customer service and care.

Animal Care & Nutrition is a key Hubercarb® Q Series application.

# Hubercarb® Q Series Calcium Carbonate Products

## Typical Chemical Analysis

Chemical	Percent
Calcium Carbonate	96.5%
Magnesium Carbonate	2.0%
Silica and Silicates	1.0%
Other	0.5%

## Other Typical 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 <sub>2</sub> O at 100°C
Particle Shape (Microscope)	Irregular, uniaxial
Specific Gravity (ASTM D-153)	2.7
Refractive Index (Handbook of Chemistry and Physics)	1.6
Weight/Solid Gallon (s.g. x 8.345)	22.6 lbs/solid gallon (0.0443 solid gallons/pound)
Linear Expansion Coefficient (Handbook of Chemistry and Physics)	4.3 x 10 <sup>-6</sup> /°C

QUINCY, IL

### Q Series Products

- Hubercarb® Q1
- Hubercarb® Q1T
- Hubercarb® Q2PT
- Hubercarb® Q2
- Hubercarb® Q2T
- Hubercarb® Q3
- Hubercarb® Q3T
- Hubercarb® Q4
- Hubercarb® Q6
- Hubercarb® Q325
- Hubercarb® Q200
- Hubercarb® Q200T
- Hubercarb® Q100
- Hubercarb® Q60
- Hubercarb® Q40-200
- Hubercarb® Q12-40
- Hubercarb® Q6-40
- Hubercarb® Q6-20
- Hubercarb® Q5-20

### Plant Location

J.M. Huber Corporation  
3150 Gardner Expressway  
Quincy, IL 62301

### Applications

- Animal Care and Nutrition
- Paint and Coatings
- PVC Pipe
- Joint Compound
- Caulk and Sealants
- Adhesives
- Rubber
- Vinyl Flooring
- Polyolefin Film
- Traffic Paint
- Cleansers
- Ceramics
- Drilling Fluids
- Asphalt Products
- Pesticides
- Agriculture

### Other Products

- Hubercarb® G Series Calcium Carbonate
- Hubercarb® M Series Calcium Carbonate
- Hubercarb® W Series Calcium Carbonate
- Huberbrite® Barium Sulfate

### Additional Products Available From

Marble Hill, GA  
Marble Falls, TX



HUBER ENGINEERED MATERIALS



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