



GROUND CALCIUM CARBONATE

Hubercarb® Q-FSMA Series Ground Calcium Carbonate Products

Formulated Specially for Animal Feed
and Nutrition Supplementation

Formulators specializing in animal feed and nutritional supplementation appreciate the necessity of calcium as a key ingredient to achieve optimal health for farm animals.

The addition of calcium effectively supplements the diets of cattle and other farm animals helping to build strong bones and promote wellness. In poultry, calcium carbonate grit is essential for digestion in the gizzard, as well as maximizing egg production and strengthening eggshells.

The Hubercarb® Q Series of ground calcium carbonate products from Huber Carbonates, LLC are produced specially for animal nutrition and manufactured at our Quincy, Illinois operation that meets the requirements of the Food Safety Modernization Act (FSMA) for animal feed. The Hubercarb Q-FSMA Series is a cost-effective source for the calcium you need to supplement your next formulation. Selection of the proper particle size, purity, brightness and consistency are key parameters for your animal feed and nutrition application.

In addition to our high performing Q-FSMA Series products, we offer unsurpassed customer and technical service support.

Hubercarb® Q-FSMA Series Ground Calcium Carbonate Data



GROUND CALCIUM CARBONATE

Typical Physical Properties

Produced in Quincy, Illinois

Hubercarb® Q-FSMA Series	Q3	Q6	Q325	Q200	Q100	Q60	Q40-200	Q12-40	Q5-20
Median Particle Size (µ, SediGraph®)	3.2	6							
Median Particle Size (µ, LLS-CILAS®)			13	22	24	20	180*	650*	2410*
Water Demand (ml/100 gms)	55	45	40	36	36				
Moisture (% , ASTM D-280)	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Loose Bulk Density (lbs/ft ³ , ASTM C-110)	40	45	50	55	55	55	85	90	88
Compacted Bulk Density (lbs/ft ³ , ASTM C-110)	60	65	80	80	80	95	98	100	98
325 Mesh Residue (max, %)	0.005	0.01	0.5						

All Hubercarb® Q-FSMA Series products contain a minimum 38% calcium assay and are 98.5 to 99% soluble in hydrochloric acid.

*Calculated Value

Particle Size (Screen) Analysis

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

Huber Carbonates, LLC is your calcium carbonate expert with decades of experience offering product use guidance from collaborative and dedicated sales and technical teams that provide strong customer focus and support. Our dedicated customer service is second-to-none. Contact us today for more information and to order Hubercarb Q-FSMA product samples. We look forward to consulting with you and determining how best our Q-FSMA products will work in your next animal supplement and nutrition formulation.



HUBER ENGINEERED MATERIALS

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