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HUBERCARB[®] Q12-200 CALCIUM CARBONATE

DESCRIPTION

Hubercarb[®] Q12-200 is a high purity, coarse, screened calcium carbonate used in animal feed as a calcium supplement.

TYPICAL PHYSICAL PROPERTIES

Moisture (% , ASTM D-280)	0.1
Loose Bulk Density (lbs/ft ³ , ASTM C-110)	115.0
Compacted Bulk Density (lbs/ft ³ , ASTM C-110)	120.0
Weight per Gallon (lbs/solid gallon)	22.6

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh Size	
-12	99.9%
-200	9.0%

TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate	96.5%
Magnesium Carbonate	2.0%
Silica and Silicates	1.0%

MINERAL PROPERTIES

Color	White
Alkalinity (as NaOH, ASTM D-1208)	0.4 mg/gm
pH (ASTM D-1208)	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 D-153)	2.7
Refractive Index (Hand. Of Chem. & Phy)	1.6
Weight/Solid Gallon (s.g. x 8.345)	22.6 lbs/solid gallon (0.0443 solid gallons/pound)
Linear Expansion Coefficient (Hand. Of Chem. & Phy.)	$4.3 \times 10^{-6}/^{\circ}\text{C}$