

SuperCal 123

70/24/6

Gilmore City, IA

SuperCal 123 is a blend of large, medium and small sized granular CaCO₃ products processed from quarried high calcium limestone in Gilmore City with minimum calcium content of 38%



Particle Size Distribution			
12 X 200 mesh product			
Microns	U.S. Screen	% Retained	% Passing
2000	10	0.1	99.9
1700	12	1.5	98.5
1400	14	13.7	84.7
1180	16	23.7	61.0
1000	18	16.5	44.5
850	20	9.7	34.8
500	35	17.3	17.5
425	40	5.6	11.9
300	50	3.5	8.4
212	70	3.3	5.1
180	80	1.0	4.0
75	200	1.9	2.1
10	Pan	2.1	
		100.0	

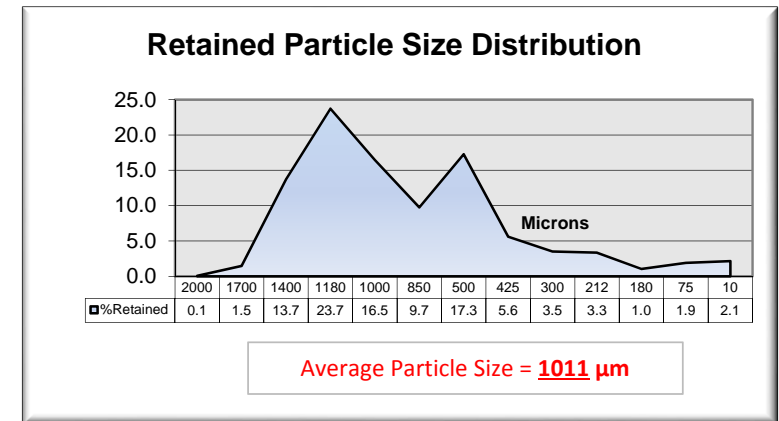
Based on core product analyses by laser diffraction

% Ca **39.73**
% CaCO₃ **99.32**

% Acid Solubility	
Average	43.15
Maximum	47.63
Minimum	37.46
H ₂ O	< 0.5%
Bulk Density (lbs./cu.ft.)	
Loose:	83
Packed:	94

Typical Analyses					
Magnesium (Mg)	0.387	%	Nickel (Ni)	< 5	ppm
Silicon (Si)	0.20	%	Cobalt (Co)	< 5	ppm
Silica (SiO ₂)	0.09	%	Copper (Cu)	< 5	ppm
Iron (Fe)	0.111	%	Zinc (Zn)	38	ppm
Sodium (Na)	0.020	%	Cadmium (Cd)	< 5	ppm
Potassium (K)	0.010	%	Iodine (I)	< 5	ppm
Sulfur (S)	0.881	%	Arsenic (As)	< 5	ppm
Manganese (Mn)	0.013	%	Beryllium (Be)	< 5	ppm
Phosphorus (P)	0.001	%	Selenium (Se)	0.106	ppm
Chloride (Cl)	0.056	%	Mercury (Hg)	< 0.050	ppm
Chromium (Cr)	< 5	ppm	Vanadium (V)	6	ppm
Aluminum (Al)	110	ppm	Molybdenum (Mo)	< 5	ppm
Boron (B)	8	ppm	Fluorine (F)	< 1	ppm
Barium (Ba)	< 5	ppm	Bismuth (Bi)	< 5	ppm
Lead (Pb)	< 5	ppm	Antimony (Sb)	< 5	ppm

Data presented from monthly composite testing is typical of product. However, no warranties or claims of specific performance is implied or given.



μm = (microns) = 1/1000 millimeter

