AgLime Blend

Alden, IA

AgLime Blend *calcium carbonate* is a blend of granular products processed from quarried high calcitic limestone in Alden with calcium content ranging 38.0% or above.

% Ca	**38.85**
%$CaC0_3$	**97.13**

Typical Analyses	
Mg	0.18%
Si	0.28%
Fe	0.24%
Na	0.03%
K	0.02%
S	0.16%
Mn	0.01%
P	0.01%
Cl	0.03%
Al	0.04%
Pb	14 ppm
Cd	0.54 ppm
V	2.1 ppm
H_20	< 0.05%
Bulk Density	(lbs./cu.ft.)
Loose:	92
Packed:	100

Neutralizing Values*	
CCE	60
ECCE	1245
ENP	1177
ENM	381
NI	59
*Calculated from Data	

Surface Area (Sq.cm)/gm= 179

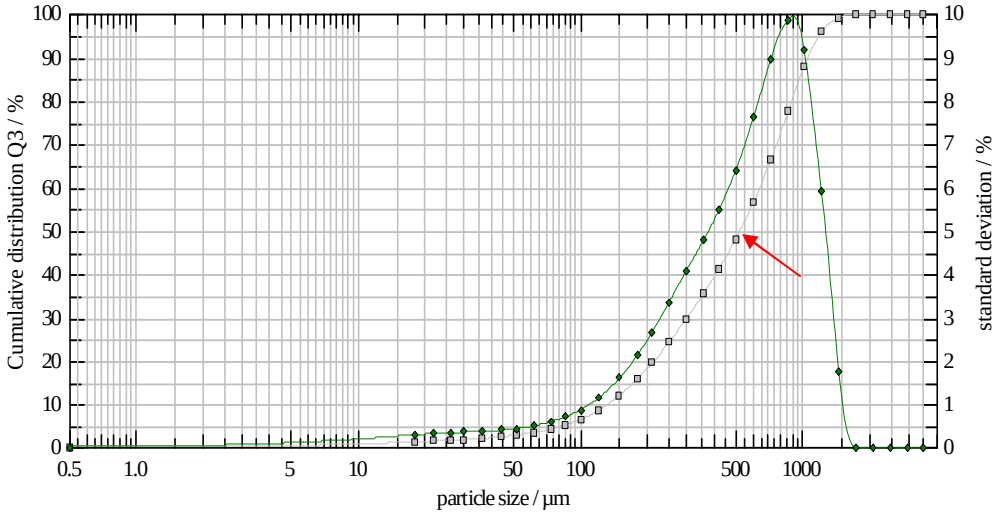
Number Particles per gm= 529,065

Particle Distribution--U.S.Screen Comparison			
12 X 80 mesh			
Micron Size	U.S.Screen	% Retained	% Passing
1700	**12**	**0.13**	**99.9**
1000	**18**	**13.23**	**86.6**
710	**25**	**21.24**	**65.4**
425	**40**	**23.88**	**41.5**
250	**60**	**17.43**	**24.1**
180	**80**	**8.48**	**15.6**
75	**200**	**11.38**	**4.2**
30	**PAN**	**4.23**	
TOTAL		**100.00**	

Particle Size Measurement -- Laser Diffraction**

Average Particle Size = 536.24 microns

Ave particle size: half of the particles are above and half are below this point on the "S" shaped cumulative distribution graph.



µm *= micron (1/1000 of a millimeter)*

****Cumulative Distribution (% Passing through...)**

Microns	%	Microns	%	Microns	%
3500	100	500	48.03	74	4.16
2940	100	420	41.09	62	3.37
2460	100	360	35.57	52	2.80
2060	100	300	29.59	44	2.39
1740	100	250	24.09	36	2.00
1460	99.10	210	19.33	30	1.71
1220	95.86	180	15.62	26	1.52
1020	87.97	150	11.90	22	1.32
860	77.36	120	8.38	18	1.11
720	66.23	100	6.32		
600	56.37	86	5.08		