



Industrial Lime Coarse Blend

Alden, IA

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

% Ca	39.15
%CaCO₃	97.88

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 ₂ O	< 0.05%
Bulk Density	(lbs./cu.ft.)
Loose:	85
Packed:	88

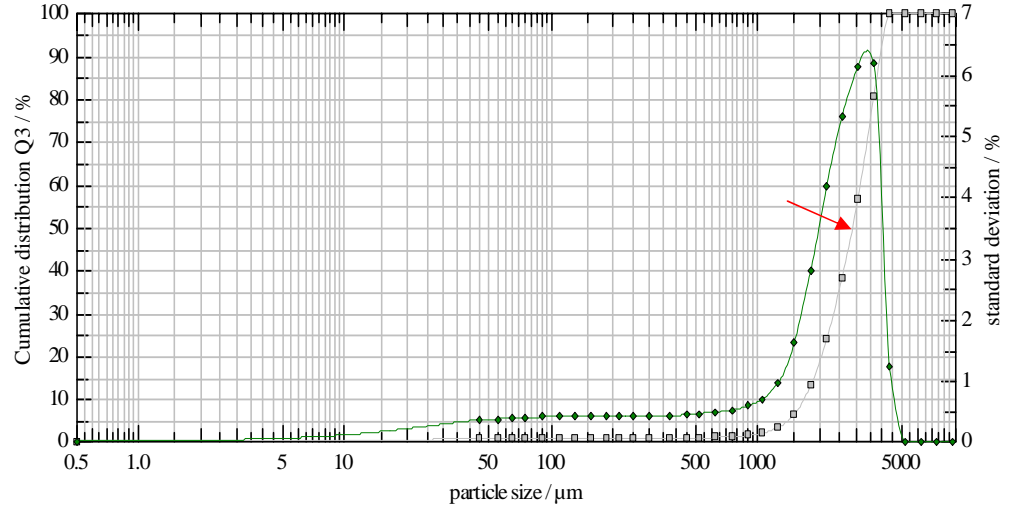
Surface Area (Sq.cm)/gm= 26
Number Particles per gm= 395

Particle Distribution--U.S.Screen Comparison			
4 X 16 mesh			
Micron Size	U.S.Screen	% Retained	% Passing
4750	4	0.2	99.9
3350	6	31.3	68.6
2360	8	37.3	31.2
1700	12	20.5	10.8
1180	16	8.1	2.7
850	20	1.4	1.2
75	200	0.5	0.7
38	PAN	0.7	
TOTAL		100.0	

Particle Size Measurement -- Laser Diffraction**

Average Particle Size = 2877.66 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	%
8750	100	1250	3.10	185	0.72
7350	100	1050	1.84	155	0.72
6150	100	900	1.34	130	0.72
5150	100	750	1.04	110	0.72
4350	99.70	625	0.87	90	0.71
3650	80.56	525	0.77	75	0.71
3050	56.56	450	0.73	65	0.70
2550	38.00	375	0.72	55	0.69
2150	23.76	300	0.72	45	0.63
1800	12.98	250	0.72		
1500	6.29	215	0.72		