



CR Minerals Company, LLC

Innovative Solutions with Pumice

### Technical Data Sheet SafSil® CT450

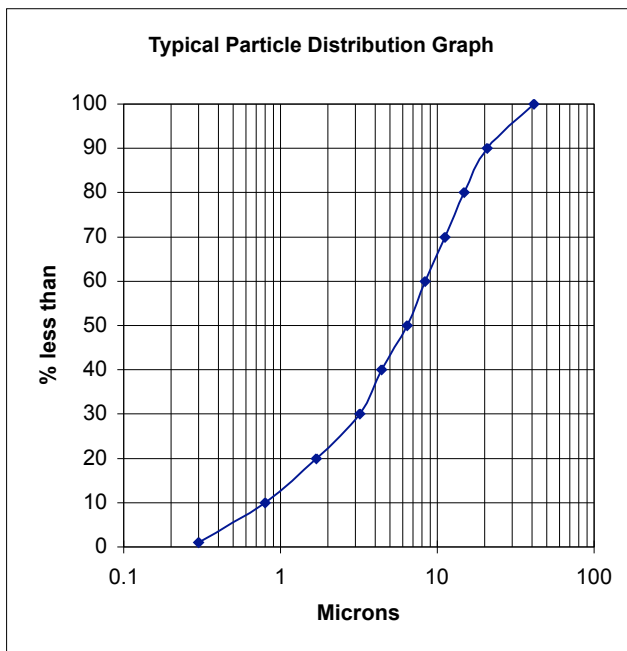
TYPICAL CHEMICAL ANALYSIS

	% By Wt.
SiO <sub>2</sub>	75
Al <sub>2</sub> O <sub>3</sub>	12
K <sub>2</sub> O	4
Na <sub>2</sub> O	4
Fe <sub>2</sub> O <sub>3</sub>	<2
CaO	<1
MgO	<1
TiO <sub>2</sub>	<1

TYPICAL PHYSICAL PROPERTIES

Moisture Percent	<1%
Reflectance (Green Filter)	76
Oil Absorbtion*	45
Hegman	4.5-5.5
Median Particle Size, Micron	7
Specific Gravity	2.4
pH (10% in Water)	8.0-10.0
Refractive Index	1.5
Hardness, Mohs	5.5
Loose Weight Density (lbs/ft <sup>3</sup> )	38

\*Rub Out (ASTM D281)



Typical Particle Distribution*	
% less than	microns
1	0.3
10	0.8
20	1.7
30	3.2
40	4.4
50	6.4
60	8.4
70	11.2
80	14.8
90	20.9
100	41.4

\*Actual particle distribution will vary within test parameters.

[www.criminerals.com](http://www.criminerals.com)



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