



**CR Minerals Company, LLC**

*Innovative Solutions with Pumice*

**Technical Data Sheet**  
**Navajo Brand® Grade 1/2**

TYPICAL CHEMICAL ANALYSIS

	<u>% By Wt.</u>
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)	80
Specific Gravity	2.4
pH (10% in Water)	8.0-10.0
Refractive Index	1.5
Hardness, Mohs	5.5

PARTICLE TEST SIZE SPECIFICATIONS

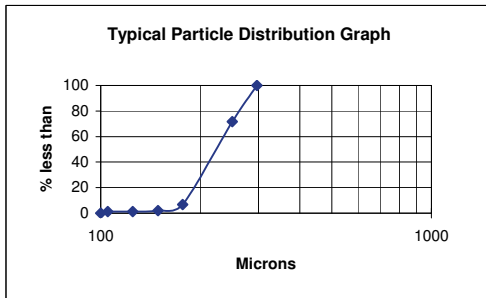
US Mesh	Microns	% Residing*
50	297	T-5
60	250	20-40
80	177	40-70
100	149	1-10
120	125	T-5
140	105	T-5
Pan		T-10

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft <sup>3</sup> )	34
Bulk Density (gm/cm <sup>3</sup> )	0.55
Oil absorption*	45

\*Rub Out (ASTM D281)

\* Tested on Rotap Shaker at 10 minutes run time with sieves meeting ASTM E11



<b>Typical Particle Distribution*</b>	
<b>% less than</b>	<b>microns</b>
100	297
71.8	250
6.8	177
1.9	149
1.3	125
1.3	105
0.1	100

\*Actual particle distribution will vary within test parameters.

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



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