



**CR Minerals Company, LLC**

*Innovative Solutions with Pumice*

**Technical Data Sheet**  
**Navajo Brand® Grade FFF**

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

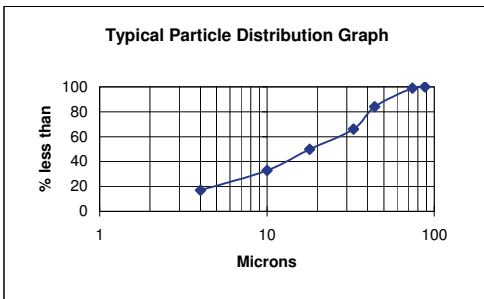
PARTICLE TEST SIZE SPECIFICATIONS

US Mesh	Microns	% Residing*
200	74	T-2
325	44	10-25
Pan		75-90

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft <sup>3</sup> )	47
Bulk Density (gm/cm <sup>3</sup> )	0.76
Oil absorption*	45

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



**Typical Particle Distribution\***

% less than	microns
100	88
99	74
84	44
66	33
50	18
33	10
17	4

\*Actual particle distribution will vary within test parameters.

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



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