



CR Minerals Company, LLC

Innovative Solutions with Pumice

Technical Data Sheet
Navajo Brand® Grade 4

TYPICAL CHEMICAL ANALYSIS

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

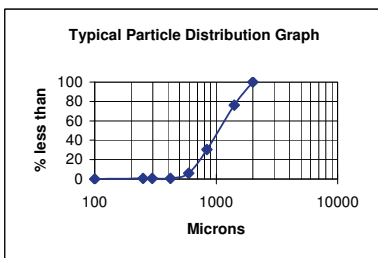
US Mesh	Microns	% Residing*
14	1410	1-40
20	840	25-55
30	595	10-30
40	420	1-15
50	297	T-10
60	250	T-5
Pan		T-5

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft ³)	28
Bulk Density (gm/cm ³)	0.45
Oil absorption*	N/A

*Rub Out (ASTM D281)

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



<u>Typical Particle Distribution*</u>	
<u>% less than</u>	<u>microns</u>
100	2000
76.2	1410
30.4	840
5.8	595
0.7	420
0.7	297
0.7	250
0.1	100

*Actual particle distribution will vary within test parameters.

www.criminerals.com



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