



CR Minerals Company, LLC

Innovative Solutions with Pumice

Technical Data Sheet
Navajo Brand® Grade 0

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 TEST SIZE SPECIFICATIONS

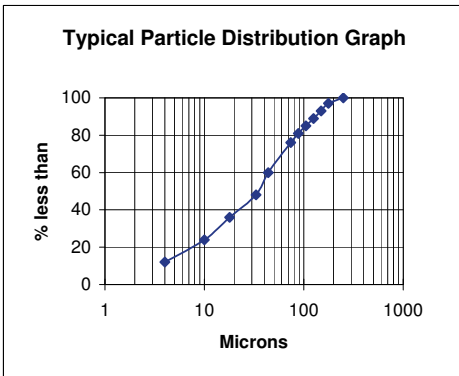
US Mesh	Microns	% Residing*
80	177	T-5
100	149	T-5
120	125	1-10
140	105	1-15
170	88	1-15
200	74	1-15
325	44	10-25
Pan		40-70

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft ³)	44
Bulk Density (gm/cm ³)	0.55
Oil Absorption*	45

*Rub Out (ASTM D281)

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



Typical Particle Distribution*	
% less than	microns
100	250
97	177
93	149
89	125
85	105
81	88
76	74
60	44
48	33
36	18
24	10
12	4

*Actual particle distribution will vary within test parameters.

www.criminerals.com



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