



CR Minerals Company, LLC

Innovative Solutions with Pumice

Technical Data Sheet
Navajo Brand® Grade 0 3-4

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 TEST SIZE SPECIFICATIONS

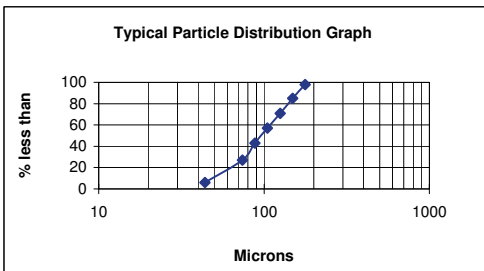
US Mesh	Microns	% Residing*
80	177	T-10
100	149	5-15
120	125	5-20
140	105	10-20
170	88	10-20
200	74	10-20
325	44	15-30
Pan		1-10

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft ³)	36
Bulk Density (gm/cm ³)	0.6
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
98	177
85	149
71	125
57	105
43	88
27	74
6	44

*Actual particle distribution will vary within test parameters.

www.crminerals.com



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