



CR Minerals Company, LLC

Innovative Solutions with Pumice

Technical Data Sheet
Navajo Brand® Grade F

TYPICAL CHEMICAL ANALYSIS

	% By Wt.
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

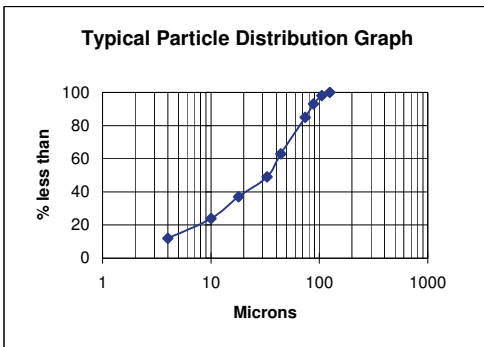
US Mesh	Microns	% Residing*
140	105	T-10
170	88	T-10
200	74	5-15
325	44	15-30
Pan		50-70

GRADE SPECIFIC PROPERTIES

Bulk Density (lbs/ft ³)	45
Bulk Density (gm/cm ³)	0.73
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	125
98	105
93	88
85	74
63	44
49	33
37	18
24	10
12	4

*Actual particle distribution will vary within test parameters.

www.criminerals.com



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