



CR Minerals Company, LLC

Innovative Solutions with Pumice

Technical Data Sheet
Navajo Brand® Grade FF

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

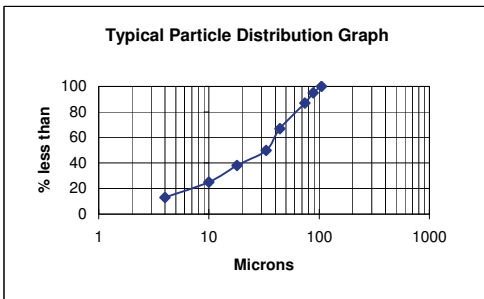
US Mesh	Microns	% Residing*
170	88	T-10
200	74	5-10
325	44	10-25
Pan		70-80

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	105
95	88
87	74
67	44
50	33
38	18
25	10
13	4

*Actual particle distribution will vary within test parameters.

www.crminerals.com



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P.O. BOX 708 ▪ SAN JUAN PUEBLO, NEW MEXICO 87566