



GREENSPAR is derived from the igneous rock Anorthosite, which is composed of 90% Plagioclase Feldspar, formed in a low quartz environment, resulting in a dense and consistent formation, with less than 10% being other minerals. Purity levels increase with the removal of iron bearing minerals during processing which results in a monomineralic Anorthite. The chemical formation is very stable oxides, with no detectable alpha quartz, resulting in an advantageous Calcium Alumina Silicate final product.

The mineral Anorthite ($\text{CaAl}_2\text{Si}_2\text{O}_8$) is a rare compositional variety of plagioclase and has the highest density of all feldspathic minerals, and yields the hardest feldspar with the highest refractive index. These unique properties combined with no detectable

alpha quartz gives **GREENSPAR** a distinct advantage as a premium mineral extender for interior paints requiring very good abrasion resistance. It also can result in a stronger finish and cost savings as resin filler in clear coatings. Hudson's White Mountain Anorthosite project in Western Greenland has a mine life of over 100 years and was recently granted a 50 year mining license. The project is owned 100% by Hudson Resources Inc.

Product Development The data collected and presented in this Technical Data Sheet is based on a sand fraction of magnetically separated Anorthosite from pilot test work, which was micronized, mechanically screened or air classified and then sent for analyses. Data presented is for product development and is not intended to be used as a product specification or a guarantee.

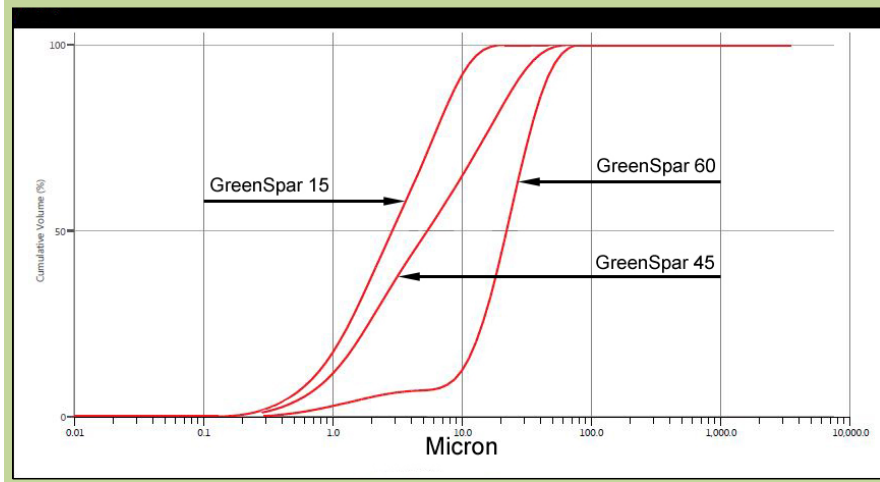
CHEMICAL ANALYSIS

OXIDE	PERCENT BY WEIGHT (median)
Silicon Dioxide (SiO_2)	51.20
Aluminum Oxide (Al_2O_3)	30.81
Iron Oxide (Fe_2O_3)	0.32
Sodium Oxide (Na_2O)	2.07
Potassium Oxide (K_2O)	0.14
Magnesium Oxide (MgO)	0.24
Calcium Oxide (CaO)	14.9
Loss on Ignition (L.O.I.)	0.32



PHYSICAL PROPERTIES

% Finer	GS-60	GS-45	GS-15
98	60.69	42.15	13.79
50	21.97	5.36	2.87
10	8.67	0.89	0.68



TEST		RESULTS		
		GS-60	GS-45	GS-15
Oil Absorption	(ASTM D-281)		22.4	
325m -% Retained		4-8%	<0.10%	<0.01%
Brightness	(TAPPI - T534)	82.8	89.3	89.9
Surface Area	(BET – m ² /g)		1.704	
Hardness	(Moh's Scale)		6-6.5	
Moisture	(ASTM C-566)		0.2%	
Refractive Index	(ASTM D-801)		1.573-1.590	
pH (paste pH method)			9.4	
Relative Density (Specific Gravity- ASTM C-128-01)			2.69	
Pounds Per Solid Gallon			22.45	
Bulking Value	(Gallons/lb)		0.0445	

ADDITIONAL INFORMATION

The White Mountain project is currently in construction. Updates can be viewed by visiting www.hudsonresources.ca As the product is in development, early partners will have the opportunity to have input into the development, with flexibility in product sizing, to align this new grade to target paint filler/extender and clear coat markets specific to individual paint producers.

To become part of this exciting new product line, please contact:

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