

# SILIMANITE PRODUCT DATA SHEET



Mineral Trade Company

## CHEMICAL ANALYSIS:

### GUARANTEED:

Al <sub>2</sub> O <sub>3</sub>	58.00% (Min)
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### TYPICAL (%):

Al <sub>2</sub> O <sub>3</sub>	59.30%
SiO <sub>2</sub>	37.10%
TiO <sub>2</sub>	0.40%
Fe <sub>2</sub> O <sub>3</sub>	0.50%
P <sub>2</sub> O <sub>5</sub>	0.05%
ZrO <sub>2</sub>	1.50%
Na <sub>2</sub> O+ K <sub>2</sub> O	0.50%
CaO	0.60%

### SIEVE ANALYSIS:

Mesh(Tyler Scr.)	SIEVE OPENING MICRONS	CUM.WEIGHT % RETAINED
35	425	Nil
48	300	0.80 - 2.50
65	212	4.50 - 7.50
100	150	79.00 - 86.50
150	106	96.50 - 99.00
200	75	99.50 - 99.80
-200	-75	0.20 - 0.50

BULK DENSITY :1,950 - 2,050 Kg/M<sup>3</sup>

PACKING :50 kg. nett in jute bags.

Note: 1. Sillimanite being a natural product, its chemical analysis is expected to vary.  
2. Variations in the size of grains occur from time to time. Although not guaranteed, the grain size distributions can be expected to be within the above ranges.

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