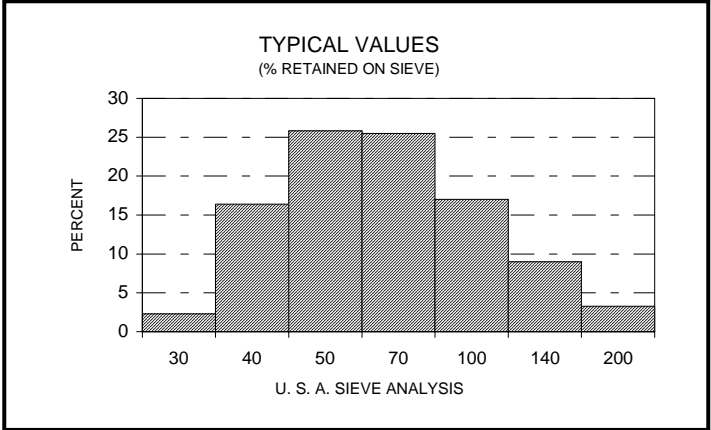




# PRODUCT DATA

## APLITE .250

PLANT: MONTPELIER, VIRGINIA



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
30	0.600	2.3	2.3	97.7
40	0.425	16.4	16.4	83.6
50	0.300	25.8	42.2	57.8
70	0.212	25.5	67.7	32.3
100	0.150	17.0	93.5	6.5
140	0.106	9.0	93.7	6.3
200	0.075	3.3	97.0	3.0

### TYPICAL PHYSICAL PROPERTIES

GRAIN SHAPE ..... SUBANGULAR  
 HARDNESS (Mohs) ..... 6  
 MELTING POINT (Degrees F) ..... 2300

MINERAL ..... ANDESINE FELDSPAR  
 pH ..... 7  
 SPECIFIC GRAVITY ..... 2.63

### TYPICAL CHEMICAL ANALYSIS, %

SiO<sub>2</sub> (Silicon Dioxide) ..... 62.0  
 Fe<sub>2</sub>O<sub>3</sub> (Iron Oxide) ..... 0.23  
 Al<sub>2</sub>O<sub>3</sub> (Aluminum Oxide) ..... 21.8  
 TiO<sub>2</sub> (Titanium Dioxide) ..... 0.50  
 CaO (Calcium Oxide) ..... 5.6

MgO (Magnesium Oxide) ..... 0.15  
 Na<sub>2</sub>O (Sodium Oxide) ..... 5.9  
 K<sub>2</sub>O (Potassium Oxide) ..... 2.5  
 P<sub>2</sub>O<sub>5</sub> (Phosphorus Pentoxide) ..... 0.30  
 LOI (Loss On Ignition) ..... 0.15

November 27, 2007

**DISCLAIMER:** The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

DO NOT USE FOR SAND BLASTING.