



## **IONE MINERALS, INC.**

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# **GREENSTRIPE**

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### **TYPICAL TECHNICAL DATA**

*Ione's Greenstripe is 200 mesh, fine-grained plastic clay with excellent strength in the high-fired ceramic pottery industry. It is also used as a raw material in the manufacture of construction building compound products.*

### **PHYSICAL DATA**

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◆ RAW CLAY COLOR	LT. GRAY BUFF
◆ FIRED COLOR	BUFF
◆ MOISTURE CONTENT (Dry), %	≤ 2.1
◆ SCREEN RESIDUE % + 325 Mesh	≤ 2.0
◆ PARTICLE SIZE % - 2 Microns (Andreasen Pipette)	≥ 83
◆ pH (40% Solids)	4.0 - 5.0
◆ VISCOSITY - Brookfield 40% Solids, cps	18,000

### **CHEMICAL DATA**

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◆ SILICA (SiO <sub>2</sub> )	56.7%
◆ ALUMINA (Al <sub>2</sub> O <sub>3</sub> )	28.0%
◆ IRON OXIDE (Fe <sub>2</sub> O <sub>3</sub> )	2.2%
◆ TITANIA (TiO <sub>2</sub> )	1.7%
◆ LIME (CaO)	0.2%
◆ MAGNESIA (MgO)	0.4%
◆ ALKALIES (Na <sub>2</sub> O, K <sub>2</sub> O)	0.6%
◆ TOTAL SULFUR (as SO <sub>3</sub> )	0.2%
◆ PHOSPHOROUS PENTOXIDE (P <sub>2</sub> O <sub>5</sub> )	0.05%
◆ L.O.I.	10.4%

The data given above are based on averages of test results on samples selected from routine plant production by standard A.S.T.M. test procedures where applicable. Variations from the above data may occur in individual tests. These results cannot be taken as minima or maxima for specification purposes.