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## IONE AIR-FLOATED KAOLIN

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### *TYPICAL TECHNICAL DATA*

*A high-purity kaolin clay low in iron and alkali content processed for use as a raw material in the rubber, fiberglass, drywall, adhesives, ceramics, and agriculture industry.*

#### **PHYSICAL DATA**

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♦ MOISTURE CONTENT (Dry), %	≤ 1.0
♦ SCREEN RESIDUE % +325 Mesh	≤ 1.5
♦ PARTICLE SIZE % - 2 Microns (Andreasen Pipette)	47
♦ TAPPI BRIGHTNESS	≥ 70
♦ pH (40% Solids)	4.0
♦ VISCOSITY - Brookfield 40% Solids, cps	5,900

#### **CHEMICAL DATA**

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♦ SILICA (SiO <sub>2</sub> )	48.6%
♦ ALUMINA (Al <sub>2</sub> O <sub>3</sub> )	34.4%
♦ IRON OXIDE (Fe <sub>2</sub> O <sub>3</sub> )	0.6%
♦ TITANIA (TiO <sub>2</sub> )	2.8%
♦ LIME (CaO)	0.1%
♦ MAGNESIA (MgO)	0.1%
♦ POTASSIUM OXIDE (K <sub>2</sub> O)	0.1%
♦ TOTAL SULFUR (as SO <sub>3</sub> )	0.1%
♦ L.O.I. *	12.9%

\* accounts for loss due to C, CO<sub>2</sub>, H<sub>2</sub>O, OH, organic compounds and/or other

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.