



I-Minerals Inc.



**Bovill Metakaolin is produced by flash calcination of a selected feed clay composed of kaolin and trace halloysite, a tubular form of kaolin. It is a highly reactive pozzolan which reacts with free lime to produce additional cementitious material. It can be used as a partial replacement (up to 20%) for Portland cement to reduce permeability, improve strength properties and to prevent Alkali Silica Reaction, efflorescence and chemical corrosion. Bovill Metakaolin meets or exceeds the requirements of ASTM C 618 Class N.**

### Typical Chemical analysis

%	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Na <sub>2</sub> O
<b>Bovill Metakaolin</b>	56.33	36.47	2.16	0.24	0.63	0.24

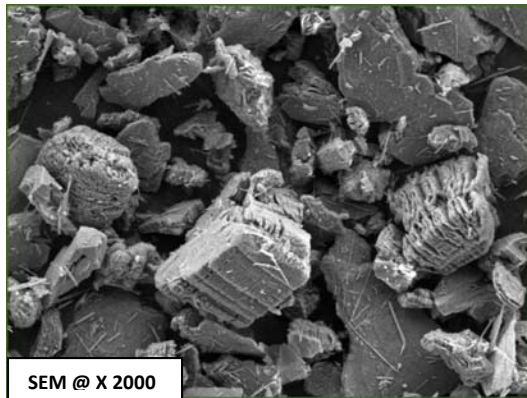
%	K <sub>2</sub> O	TiO <sub>2</sub>	MnO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	BaO	LOI
<b>Bovill Metakaolin</b>	2.97	0.30	0.04	0.02	0.14	0.90

### Additional Information

Fineness, retained on #325 mesh sieve (%)	10.8
Particle Size < 2um (%)	10.0
Moisture (%)	0.5
Density Mg/m <sup>3</sup>	2.3
Loose bulk density lb./ft <sup>3</sup>	18.0
Tapped bulk density lb./ft <sup>3</sup>	38.0

Typical Analysis

DEVELOPMENTAL PRODUCT



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