



10/11/2007

# LCM FINE MICA

## TECHNICAL DATA SHEET

### TYPICAL SIEVE ANALYSIS

U.S.S. # 14.....	<1.0%
Below U.S.S. #100 in Pan.....	30.0%

### TYPICAL PHYSICAL/CHEMICAL PROPERTIES

Bulk Density.....	68 lbs./cu.ft.
Loss on Ignition.....	1.5 - 2.5
Percent Moisture.....	0 - .2% max
Specific Gravity.....	2.75
pH.....	8.0
Moh's Hardness.....	2.5

Stable, virtually inert except to hydrofluoric and concentrated sulfuric acid.  
 Impervious to water and atmosphere.  
 Unaffected by exposure to extended low and high temperatures.

### TYPICAL CHEMICAL ANALYSIS

Silica (SiO <sub>2</sub> ).....	64.7%
Alumina (Al <sub>2</sub> O <sub>3</sub> ).....	16.3%
Iron (Fe <sub>2</sub> O <sub>3</sub> ).....	2.6%
Iron (FeO).....	0.8%
Soda (Na <sub>2</sub> O).....	1.4%
Potash (K <sub>2</sub> O).....	4.6%
Calcium (CaO).....	0.3%
Magnesium (MgO).....	5.5%

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