

## DRY GROUND MICA FLAKES - OIL DRILLING

Dry ground mica powders designed specifically for the oil drilling industry.

### CHEMICAL PROPERTIES

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	Na <sub>2</sub> O	MgO	CaO	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	PH
47 ~ 50%	28 ~ 33%	8 ~ 11%	0.6 ~ 0.9%	0.5 ~ 0.8%	0.3 ~ 0.6%	0.6 ~ 0.9%	2.1 ~ 4.2%	7.8

### PHYSICAL PROPERTIES

Thermal Stability	Specific Gravity	Mohs hardness	Refractive Index	Water soluble matter	LOI @ 1000°C
Up to 600° C	2.6 - 3.2 gr/cm	2.50	1.58	0.50 %	4.20 %

### TYPICAL SIEVE ANALYSIS - CUMULATIVE PERCENTAGE RETAINED

B.S. Mesh	Microns	COARSE	MEDIUM	FINE
2	6350	0%		
8	2240	1%	0%	0%
20	850	40 - 60%	15 - 30%	5%
100	150	95%	90%	80%