

## MUSCOVITE MICA ( WET GROUND)

### TYPICAL PRODUCT SPECIFICATION

Chemical Composition	
Component	TYPICAL
SiO <sub>2</sub>	48
Al <sub>2</sub> O <sub>3</sub>	33
K <sub>2</sub> O	10
Na <sub>2</sub> O	1
MgO	1
Fe <sub>2</sub> O <sub>3</sub>	6
L.O.I	4
Moisture	< 0.20

MICA  
**20E**

### MORPHOLOGY

D50 <sup>1</sup>	21 microns
D90 <sup>1</sup>	54 microns

### WET SCREEN ANALYSIS

% -100 mesh	100
% -325 mesh	95

<sup>1</sup> Malvern Mastersizer

### MINERAL DESCRIPTION

MICA IS A GENERIC TERM APPLICABLE TO THE GROUP OF COMPLEX ALUMINOSILICATE MINERALS THAT OCCUR NATURALLY IN PLATE OR SHEET-LIKE FORM.

### Typical Properties

Appearance	Off-white powder
Morphology	Platy
pH	7 – 8
Specific Gravity	2.7 – 3.0
Refractive Index	1.58
Moh's Hardness	2.5 – 3.5
Decomposition Temp. °C	400 – 500

### PROPERTIES

Loose Bulk Density	(g/cc)	0.25 +/- 0.04
	(lbs/ft <sup>3</sup> )	15.6 +/- 2.3
Tapped Bulk Density	(g/cc)	0.31 +/- 0.05
	(lbs/ft <sup>3</sup> )	19.4 +/- 2.9
Oil Absorption		68

Final determination of the suitability of the material for the use contemplated is the sole responsibility of the user. No warranty is expressed or implied, and the manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.