

MUSCOVITE MICA (WET GROUND)

TYPICAL PRODUCT SPECIFICATION

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

MICA 20S

MORPHOLOGY

| | |
|------------------|------------|
| D50 ¹ | 21 microns |
| D90 ¹ | 54 microns |

WET SCREEN ANALYSIS

| | |
|-------------|-----|
| % -100 mesh | 100 |
| % -325 mesh | 95 |

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) | 0.26 +/- 0.04 |
| | (lbs/ft ³) | 16.2 +/- 2.4 |
| Tapped Bulk Density | (g/cc) | 0.28 +/- 0.04 |
| | (lbs/ft ³) | 17.5 +/- 2.6 |

¹ Malvern Mastersizer

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.