

PRELIMINARY
TECHNICAL DATASHEET

MICA G-S

| | | | |
|--|-------|--|-------------|
| Specific Gravity (g/ml) ISO 787/10-1981 | 2,85 | Oil Adsorption (g/100g) ISO 787/5-1980 | -- |
| Moh's Hardness | 2,5 | Spec. Surface Area BET (m ² /g) | 9,5 |
| Whiteness FMY (%) | 74-80 | Aspect ratio | 1:20 - 1:40 |
| Humidity at 100° C(%) ISO 787/2-1981 | < 1 | Loose Bulk Density (g/l) | 490 |
| pH-value ISO 787/9-1981 | 9,5 | Tamped Volume (g/l) ISO 787/11-1981 | -- |
| Refractive Index | 1,56 | Conductivity (μS/cm) ISO 787/14 - 1985 | -- |

CHEMICAL ANALYSIS:

| | |
|--------------------------------|------|
| SiO ₂ | 51,5 |
| Al ₂ O ₃ | 27,0 |
| K ₂ O | 10,0 |
| CaO | 0,4 |
| Fe ₂ O ₃ | 2,9 |
| MgO | 2,8 |
| TiO ₂ | 0,4 |
| Na ₂ O | 0,2 |
| P ₂ O ₅ | 0,2 |
| MnO | 0,03 |
| Loss on ignition | 4,57 |

HEAVY METALS CONTENTS:

μg/g = ppm

| | |
|---------|-------|
| Copper | 4,2 |
| Zinc | 2,0 |
| Lead | 3,5 |
| Cadmium | 0,2 |
| Mercury | 0,039 |
| Arsenic | 3 |

PARTICLE SIZE DISTRIBUTION:

Sedigraph 5100

| | |
|---------------|---------|
| d98 | 15,1 μm |
| d90 | 10,4 μm |
| d50 | 5,2 μm |
| d30 | 3,1 μm |

Technical information and data described herein are believed to be reliable, but should not be taken as a specification and cannot establish any liability !