

TECHNICAL DATASHEET

MICA SG

| | | | |
|--|---------|---|-------------|
| Specific Gravity ISO 787/10-1981 | 2,85 | Oil Absorption (g/100g) ISO 787/5-1980 | 25 |
| Moh's Hardness | 2,5 | Spec. Surface Area (m ² /g) | 7 |
| Whiteness FMY (%) | 75 - 80 | Aspect Ratio | 1:20 - 1:30 |
| Humidity at 100° C (%) ISO 787/2-1981 | < 1 | Loose Bulk Density (g/l) | 500 |
| pH ISO 787/9-1981 | 9,5 | Tamped Volume (g/l) ISO 787/11-1981 | 890 |
| Refractive Index | 1,56 | Conductivity (µS/cm) ISO 787/14 - 1985 | 66 |

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 METAL 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 20 µm

d90 14,5 µm

d50 7,4 µm

d30 5 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 !