

**PRELIMINARY****TECHNICAL DATASHEET****MICA SSG**

|   |      |  |             |
|---|------|--|-------------|
| Specific Gravity<br>ISO 787/10-1981     | 2,85 | Oil Absorption (g/100g)<br>ISO 787/5-1980  | 40          |
| Moh's Hardness                          | 2,5  | Spec. Surface Area BET (m <sup>2</sup> /g) | 4,70        |
| Whiteness FMY (%)                       | 72   | Aspect ratio                               | 1:20 - 1:30 |
| Humidity at 100° C(%)<br>ISO 787/2-1981 | < 1  | Loose Bulk Density (g/l)                   | 560         |
| pH<br>ISO 787/9-1981                    | 9,5  | Tamped Volume (g/l)<br>ISO 787/11-1981     | -           |
| Refractive Index                        | 1,56 | Conductivity (µS/cm)<br>ISO 787/14 - 1985  | -           |

**CHEMICAL ANALYSIS:**

|                                |      |
|--------------------------------|------|
| SiO <sub>2</sub>               | 51,5 |
| Al <sub>2</sub> O <sub>3</sub> | 27,0 |
| K <sub>2</sub> O               | 10,0 |
| CaO                            | 0,4  |
| Fe <sub>2</sub> O <sub>3</sub> | 2,9  |
| MgO                            | 2,8  |
| TiO <sub>2</sub>               | 0,4  |
| Na <sub>2</sub> O              | 0,2  |
| P <sub>2</sub> O <sub>5</sub>  | 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 . . . . . | 40 µm |
| d90 . . . . . | 24 µm |
| d50 . . . . . | 11 µm |
| d30 . . . . . | 7 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 !