

**PRELIMINARY**  
**TECHNICAL DATASHEET**

**MICA F-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 <sup>2</sup> /g)	12
Whiteness FMY (%)	76-81	Aspect ratio	1:20 - 1:40
Humidity at 100° C(%) ISO 787/2-1981	< 1	Loose Bulk Density (g/l)	450
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 <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 . . . . .	11,6 μm
d90 . . . . .	7,9 μm
d50 . . . . .	4,0 μm
d30 . . . . .	2,4 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 !