

**PRELIMINARY**  
**TECHNICAL DATASHEET**  
**MICA TM**

Specific Gravity ISO 787/10-1981	2,85	Oil Absorption (g/100g) ISO 787/5-1980	37
Moh's Hardness	2,5	Spec. Surface Area BET (m <sup>2</sup> /g)	5,5
Whiteness FMY (%)	75 - 81	Aspect ratio	1:20 - 1:30
Humidity at 100° C(%) ISO 787/2-1981	< 1	Loose Bulk Density (g/l)	360
pH 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**(weight%):

SiO <sub>2</sub>	45,6
Al <sub>2</sub> O <sub>3</sub>	32,4
K <sub>2</sub> O	10,4
CaO	<0,08
Fe <sub>2</sub> O <sub>3</sub>	5,0
MgO	0,7
TiO <sub>2</sub>	0,68
Na <sub>2</sub> O	0,53
P <sub>2</sub> O <sub>5</sub>	<0,01
MnO	0,01
Loss on ignition	4,57

**HEAVY METALS CONTENTS:**  
(µg/g = ppm)

Copper	<3,0
Zinc	14,0
Lead	<4,0
Cadmium	<0,5
Mercury	<0,5
Arsenic	4,0

**PARTICLE SIZE DISTRIBUTION:**

Sedigraph 5100

d98 . . . . .	27,0 µm
d90 . . . . .	20,0 µm
d50 . . . . .	9,3 µm
d30 . . . . .	5,8 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 !