

**TECHNICAL DATASHEET****MICA S**

Specific Gravity ISO 787/10-1981	2,85	Oil Absorption (g/100g) ISO 787/5-1980	29
Mohs Hardness	2,5	Spec. Surface Area (m <sup>2</sup> /g)	1,74
Whiteness FMY (%)	70	Aspect Ratio	1:20 - 1:30
Humidity at 100° C(%) ISO 787/2-1981	< 1	Loose Bulk Density (g/l)	600
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:**

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 . . . . .	45 µm
d90 . . . . .	27 µm
d50 . . . . .	13 µm
d30 . . . . .	10 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 !