

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 ² /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 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 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 !