

PRELIMINARY

TECHNICAL DATASHEET

MICA SSG

Specific Gravity ISO 787/10-1981	2,85	Oil Absorption (g/100g) ISO 787/5-1980	40
Moh's Hardness	2,5	Spec. Surface Area BET (m ² /g)	4,70
Whiteness FMY (%)	72	Aspect ratio	1:20 - 1:30
Humidity at 100° C(%) ISO 787/2-1981	< 1	Loose Bulk Density (g/l)	560
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 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 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 !