

TECHNICAL DATASHEET

M I C A 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 ² /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 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	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 !