

TECHNICAL DATA SHEET

Filler A3 SC

Specific Gravity (g/ml) <i>ISO 787/10-1981</i>	2,85	Oil Absorption (g/100g) <i>ISO 787/5-1980</i>	--
Mohs Hardness	2,5	Spec. Surface Area (m ² /g)	10
Brightness		Residue on Sieve – Water Method	0,1
R 46	77,50 ± 1	<i>Zellcheming V/27.6/90</i>	
R 457	77,00 ± 1	Aspect ratio	1:20 - 1:30
FMY	80,00 ± 1	Yellowness	2,50%
<i>DIN 5033 and 53145</i>		Abrasion	< 25 mg
Humidity at 100°C (%) <i>ISO 787/2-1981</i>	< 12	<i>Zellcheming V/27.7/90</i>	
pH	9,5	Loose Bulk Density (g/l)	1200
<i>ISO 787/9-1981</i>		Tamped Volume (g/l)	--
Refractive Index	1,56	<i>ISO 787/11-1981</i>	
Form of delivery	pellets	Conductivity (µS/cm) <i>ISO 787/14 - 1985</i>	--
		Fungisized	--

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 METAL 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 *Zellcheming V/27.3/90*

< 10 µm	90 %
< 5 µm	60 %
< 2 µm	30 %
< 1 µm	18 %

Technical information and data described herein are believed to be reliable, but should not be taken as a specification and cannot establish any liability!