



Compounding Solutions

2B Minerals S.r.l.
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2B-SILCAL 4

Chemical characterization	30 microns micronized Wollastonite, micronized calcium metasilicate, $\text{Ca}_2\text{Si}_2\text{O}_6$
Physical properties	
Moisture (%) 0,10	Theoretical specific weight 2,90
BET (m^2/g) 7,00	Colour White
Oil Absorption (ml/100g) 35,00	Morphology Acicular
Solubility in water (%) 0,45	PH 8
Density Loose (g/ml) 0,80	Aspect ratio c.a. 1:3
Density Tapped (g/ml) 1,00	Mohs hardness 4,5
Average chemical analysis (XRF)	Average mineralogical analysis
SiO ₂ 51,00 %	Wollastonite > 98,0 %
Al ₂ O ₃ 0,75 %	Quartz < 0,5 %
Fe ₂ O ₃ 0,25 %	Calcite < 0,5 %
TiO ₂ 0,01 %	Others < 1,0 %
Na ₂ O 0,10 %	
K ₂ O 0,10 %	
CaO 44,30 %	
MgO 1,80 %	
L.O.I. 1,70 %	
Laser Malvern grain size distribution	Colorimetric analysis
D ₅₀ 4 μm	L 95,00
D ₉₀ 20 μm	a - 0,20
	b - 0,40

Notes:

This Technical Data Sheet gives only commercial information. The reported values, related to the different parameters, represent average production data, obtained during the quality check made by 2B Minerals S.r.l. This sheet is indicated to be used by qualified persons. The reported data do not represent a contract specification.