



Compounding Solutions

2B Minerals S.r.l.

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Capitale Sociale € 10.000 i.v. - Codice Fiscale, Partita IVA e Iscrizione Registro Imprese 02364590352

2B-SILCAL 60

Chemical Characterization	Acicular or high aspect ratio Wollastonite, Ground 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)	5,00	Colour	White
Oil Absorption (ml/100g)	27,00	Morphology	Acicular
Solubility in water (%)	0,40	PH	8
Aspect ratio	c.a.1:14 - 1:20	Mohs hardness	4,5
Average Chemical Analysis (XRF)		Average Mineralogical Analysis	
SiO_2	49,80 %	Wollastonite	> 98,0 %
Al_2O_3	0,70 %	Quartz	< 0,5 %
Fe_2O_3	0,20 %	Calcite	< 0,5 %
TiO_2	n.d.	Others	< 1,0 %
Na_2O	n.d.		
K_2O	n.d.		
CaO	45,42 %		
MgO	1,08 %		
L.O.I.	2,80 %		
Grain Size Distribution (sieves)			
Residue at 125 μm		1,90 %	
Between 75 – 125 μm		31,40 %	
Between 45 – 75 μm		63,30 %	
Passing trough 45 μm		3,50 %	

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.