



Compounding Solutions

2B Minerals S.r.l.

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2B-KALK 3

Chemical specimen	3 micron Micronized Calcined Kaolin		
Physical properties			
Moisture (%)	0,10	Theoretical specific weight	2,65
BET (m ² /g)	9,50	Colour	White
Assorbimento d'olio (ml/100g)	42,00	Morfologia	Lamellare
Solubilità in acqua (%)	0,35	PH	7
Densità Loose (g/ml)	0,50	Aspect Ratio	c.a. 1:2
Densità Tapped (g/ml)	0,70	Mohs Hardness	c.a. 6
Average Chemical Analysis (XRF)		Average Mineralogical Analysis	
SiO ₂	57,10 %	Metakaolin	> 98,0 %
Al ₂ O ₃	39,30 %	Quartz	< 1,0 %
Fe ₂ O ₃	0,70 %	Others	< 1,0 %
TiO ₂	0,30 %		
Na ₂ O	0,10 %		
K ₂ O	1,50 %		
CaO	0,20 %		
MgO	0,30 %		
L.O.I.	0,50 %		
Laser Malvern Grain Size Distribution		Colorimetric Analysis	
D ₅₀	3 µm	L	89,00
D ₉₀	15 µm	a	- 0,50
Residue at 45 microns is zero		b	- 4,60

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.