



Compounding Solutions

2B Minerals S.r.l.

Sede legale ed amministrativa: Viale Europa, 81 – 41011, Campogalliano (MO), ITALIA.

Tel. +39 059 527059 Fax +39 059 527633 e-mail: lionexp@yahoo.it

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2B-SIL 3

Chemical characterization	3 microns micronized quartz, micronized crystalline silica, SiO ₂
Physical properties	
Moisture (%) 0,10	Theoretical specific weight 2,65
BET (m ² /g) 8,00	Colour White
Oil absorption (ml/100g) 35,00	Morphology Irregular
Solubility in water (%) 0,50	PH 7
Density Loose (g/ml) 0,70	Aspect Ratio c.a. 1:1
Density Tapped (g/ml) 0,80	Mohs hardness 7
Average chemical Analysis (XRF)	Average mineralogical analysis
SiO ₂ 99,50 %	Quartz > 99,5 %
Al ₂ O ₃ 0,26 %	Others < 0,5 %
Fe ₂ O ₃ 0,01 %	
TiO ₂ 0,02 %	
Na ₂ O n.d.	
K ₂ O n.d.	
CaO 0,01 %	
MgO n.d.	
L.O.I. 0,20 %	
Laser Malvern grain size distribution	Colorimetric analysis
D ₅₀ 3 µm	L 92,00
D ₉₀ 15 µm	a - 0,80
	b + 0,50

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.