Compounding Solutions

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ZABOSIL 5

Chemical Specimen

Zirconium Silicate, Zircon
Zirconium e Hafnium Nesosilicate, $(Zr,Hf)SiO_4$

Physical Properties

Moisture (%)	0,10	BET (m^2/g)	15,00
Color	White-yellow	Specific weight (g/cm^3)	4,65
Morphology	Irregular	Mohs Hardness	7,5
Aspect Ratio	c.a. 1:1		

Average Chemical Analysis (XRF)

$ZrO_2 + HfO_2$	66,17 %
SiO_2	32,00 %
Al_2O_3	0,77 %
Fe_2O_3	0,07 %
TiO_2	0,19 %
U + Th	0,06 %
L.O.I.	0,10 %

Average Mineralogical Analysis

Zircon	99 %
Others	1 %

Grain Size Distribution (Laser Malvern Mastersizer)

D_{50}	1,5 micron
D_{97}	6 micron

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.