



Reparto Assicurazione Qualità

Quality Assurance Department

Caratteristiche fisiche e chimiche Physical and chemical characteristics		
ZIRCOBIT S500		
Analisi Chimica ^(*1) Chemical Analysis	Minimo Minimum	Massimo Maximum
ZrO ₂		60 %
HfO ₂	0,8 %	1,3 %
SiO ₂	35 %	40 %
Al ₂ O ₃		15 %
TiO ₂		1 %
Fe ₂ O ₃		0,2 %
K ₂ O	n.d.	n.d.
LOI ^(*2)		1,0 %
Granulometria ^(*3) Particle Size	D50 = 1,4 ± 0,2 µm	
Attività Specifica γ ^(*4) Specific Activity γ	$^{226}\text{Ra} \leq 4,3 \text{ Bq/g}$ $^{232}\text{Th} \leq 1,0 \text{ Bq/g}$ $^{226}\text{Ra} + ^{232}\text{Th} \leq 5,0 \text{ Bq/g}$	
Metodo Method	^(*1) IOS 14/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used ^(*2) IOS 16/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used ^(*3) IOS 01/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used ^(*4) IOS 17/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used	

Approvato dal Responsabile di Produzione

Approved by Production Manager

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**GRUPPO
COLOROBbia
QUALITY DEPARTMENT**