



## Reparto Assicurazione Qualità

Quality Assurance Department

Caratteristiche fisiche e chimiche Physical and chemical characteristics		
ZIRCOBIT S501		
Analisi Chimica <sup>(*1)</sup> Chemical Analysis	Minimo Minimum	Massimo Maximum
ZrO <sub>2</sub>	55 %	59 %
HfO <sub>2</sub>	0,8 %	1,3 %
SiO <sub>2</sub>	32 %	36 %
Al <sub>2</sub> O <sub>3</sub>		8 %
TiO <sub>2</sub>		0,6 %
Fe <sub>2</sub> O <sub>3</sub>		0,2 %
K <sub>2</sub> O	n.d.	n.d.
LOI <sup>(*2)</sup>		1,0 %
Granulometria <sup>(*3)</sup> Particle Size	D50 = 1,4 ± 0,2 µm	
Attività Specifica γ <sup>(*4)</sup> 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	<sup>(*1)</sup> IOS 14/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used <sup>(*2)</sup> IOS 16/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used <sup>(*3)</sup> IOS 01/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used <sup>(*4)</sup> IOS 17/02/03 Industrie Bitossi S.p.A. Ed. in vigore/currently used	

Approvato dal Responsabile di Produzione  
Approved by Production Manager

GRUPPO  
COLOROBbia  
QUALITY DEPARTMENT