



## Reparto Assicurazione Qualità

Quality Assurance Department

Caratteristiche fisiche e chimiche Physical and chemical characteristics		
ZIRCOBIT L		
<b>Analisi Chimica</b> <sup>(*1)</sup> <i>Chemical Analysis</i>	<b>Tipica (%)</b> <i>Typical</i>	<b>Garantita (%)</b> <i>Guaranteed</i>
ZrO <sub>2</sub> + HfO <sub>2</sub>	64,8 ± 0,5	63,5 min
SiO <sub>2</sub>	32,5 ± 0,5	34 max
Al <sub>2</sub> O <sub>3</sub>	0,8 ± 0,3	2,0 max
TiO <sub>2</sub>	0,15 ± 0,03	0,25 max
Fe <sub>2</sub> O <sub>3</sub>	0,07 ± 0,01	0,1 max
K <sub>2</sub> O	n.d.	n.d.
LOI <sup>(*2)</sup>	0,5 ± 0,2	1,0 max
<b>Granulometria</b> <sup>(*3)</sup> <i>Particle Size</i>	D50 = 2,0 ± 0,2 µm	
<b>Attività Specifica γ</b> <sup>(*4)</sup> <i>Specific Activity γ</i>	$^{226}\text{Ra} \leq 4,3 \text{ Bq/g}$ $^{232}\text{Th} \leq 1,0 \text{ Bq/g}$ $^{226}\text{Ra} + ^{232}\text{Th} \leq 5,0 \text{ Bq/g}$	
<b>Metodo</b> <i>Method</i>	<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

