

**Specification Number: MC-101**
**Date : March 19, 2014**
**Revision Status : 4**

## Micronized Zirconium Silicate MC-101

Product Name Molecular Formula Molecular Weight CAS Number Available Form Major Applications	Micronized Zirconium Silicate ZrSiO <sub>4</sub> 183.26 14940-68-2 Powder Ceramic Tile
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### STANDARD SPECIFICATION

PARAMETER	SPECIFICATION	TEST METHOD NUMBER
Purity Content ( as ZrO <sub>2</sub> + HfO <sub>2</sub> ) (%)	64.5 ± 0,5	XRF-1301
Fe <sub>2</sub> O <sub>3</sub> (%)	0.1 (Max)	XRF-1301
TiO <sub>2</sub> (%)	0.15 (Max)	XRF-1301
Thorium (ppm)	200 (Max)	XRF-1301
Uranium (ppm)	350 (Max)	XRF-1301

### PHYSICAL PROPERTIES

PARAMETER	VALUE
Particle Distribution D50 (Malvern) (µm)	1,2 ± 0,2

*The technical data, specifications, items stated herewith are for customer's reference and are based on our most reliable data obtained by our company. They are made without any warranty implicitly or explicitly. Customers are advised to make own careful examination.*