

Specification Number: MC-111
Date : March 19, 2014
Revision Status : 2

Micronized Zirconium Silicate MC-111

Product Name	Micronized Zirconium Silicate
Molecular Formula	ZrSiO ₄
Molecular Weight	183.26
CAS Number	14940-68-2
Available Form	Powder
Major Applications	Sanitaryware and Tableware

STANDARD SPECIFICATION

PARAMETER	SPECIFICATION	TEST METHOD NUMBER
Purity Content (as ZrO ₂ + HfO ₂) (%)	64.5 ± 0,5	XRF-1301
Fe ₂ O ₃ (%)	0.1 (Max)	XRF-1301
TiO ₂ (%)	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)	1,0 ± 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.