



Helmut Kreuz Mahlwerke GmbH · Postfach 1242 · D-35702 Haiger  
Interkerám Kft  
Parasztfőiskola 12  
6000 KECSKEMÉT  
HUNGARY

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Ihr Zeichen  
Your Reference  
KR-000188/2021

Ihre Nachricht vom  
Your message of  
05.07.2021

Unser Zeichen  
Our Reference  
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Datum  
Date  
07.09.2021

## CERTIFICATE OF ANALYSIS

### ZIRCON SILICATE KREUTZONIT SUPER FF (5 MICRON)

TYPICAL PARTICLE SIZE: d50: 1,50 micron

#### Typical chemical and physical properties:

Chemical Analysis		typical	guaranteed	Properties	
Zirconia (incl. Hafnium)	ZrO <sub>2</sub> (+HfO <sub>2</sub> )	65,11%	64,00% min.	Specific Gravity	4,67 g/cm <sup>3</sup>
Silica	SiO <sub>2</sub>	33,56%	34,00% max.	Hardness (mohs)	7,50
Titania	TiO <sub>2</sub>	0,18%	0,26% max.	Melting Point	2.200,00 °C
Alumina	Al <sub>2</sub> O <sub>3</sub>	0,81%	1,33% max.	Humidity / Moisture	0,20% max.
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0,03%	0,09% max.	Loss on ignition	1,00% max.

All analysis on an "as received" basis

Zircon Silicate is a processed natural raw material and as such slight variations in the chemical analysis and size distribution should be expected.

**Storage:** Product is not temperature-sensitive.  
At appropriate dry storing it is best for an unlimited period.

Helmut Kreuz Mahlwerke GmbH  
Helmut-Kreutz-Straße  
D 35708 Haiger-Langenaubach

