

Specification Number: ZIRCON SAND
Date : March 19, 2014
Revision Status : 1

ZIRCON SAND

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|--------------------|------------------------------|
| Product Name | Zirconium Silicate Sand |
| Molecular Formula | ZrSiO ₄ |
| Molecular Weight | 183.26 |
| CAS Number | 14940-68-2 |
| Available Form | Sand |
| Major Applications | Foundry, Ceramic, Refractory |

STANDARD SPECIFICATION

| PARAMETER | SPECIFICATION | TEST METHOD NUMBER |
|---|---------------|--------------------|
| Purity Content (as ZrO ₂ + HfO ₂) (%) | 65.5 (Min) | 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 |

*) only specification, not tested

PHYSICAL PROPERTIES

| PARAMETER | VALUE |
|-----------------------------------|-----------|
| Density (g/cm ³) | 4.6 – 4.8 |
| Bulk Density (kg/m ³) | 2700 |
| Particle Size : | |
| 60 – 200 Mesh (%) | 100 |

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.