

Specification Number: MZ-8012

Date : July 14, 2013  
Revision Status : 0**Zirconium Silicate Sand MF-8012**

Product Name	Zirconium Silicate Sand
Molecular Formula	ZrSiO <sub>4</sub>
Molecular Weight	183.26
CAS Number	14940-68-2
Available Form	Sand
Major Applications	Raw Material of Foundry

**STANDARD SPECIFICATION**

PARAMETER	SPECIFICATION	TEST METHOD NUMBER
Purity Content ( as ZrO <sub>2</sub> + HfO <sub>2</sub> ) (%)	65.0 (Min)	MSZ-1201
Fe <sub>2</sub> O <sub>3</sub> (%)	0.1 (Max)	MSZ-1303
TiO <sub>2</sub> (%)	0.15 (Max)	MSZ-1304

\*) only specification, not tested

**PHYSICAL PROPERTIES**

PARAMETER	VALUE
Density (g/cm <sup>3</sup> )	4.6 – 4.8
Bulk Density (kg/m <sup>3</sup> )	2700
Particle Size :	
80 – 120 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. Customer are advised to make own careful examination.*