

# ZIRCON

## TYPICAL DATA:

CAS number:	14940-68-2
Formula:	Zr[SiO <sub>4</sub> ]
Harmonized commodity code:	2615100000

### CHEMICAL ANALYSIS

	STANDART	TYPICAL
ZrO <sub>2</sub> +HfO <sub>2</sub> min	65	65- 66
TiO <sub>2</sub> min	0,4	0,2
Al <sub>2</sub> O <sub>3</sub> max	2	1,2
Fe <sub>2</sub> O <sub>3</sub> max	0,1	0,09
P <sub>2</sub> O <sub>5</sub> max	-	0,12
SiO <sub>2</sub> max	-	32
U+Th	320 ppm	320 ppm
Moisture, max	0,5	0,5

### PHYSICAL PROPERTIES

Melting point	2200°C
Specific gravity	4650 - 4750 kg/m <sup>3</sup>
Bulk density	2650 - 2740 kg/m <sup>3</sup>
Grain size	63 - 160 mkm
Flammable	non flammable
Solubility in water	insoluble
Angle of friction	30°
Hardness	7-8

### SHIPMENT

Bulk big bags 1 t net.