

ZIRCON

TYPICAL DATA:

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

CHEMICAL ANALYSIS

	STANDART	TYPICAL
ZrO ₂ +HfO ₂ min	65	65- 66
TiO ₂ min	0,4	0,2
Al ₂ O ₃ max	2	1,2
Fe ₂ O ₃ max	0,1	0,09
P ₂ O ₅ max	-	0,12
SiO ₂ 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 ³
Bulk density	2650 - 2740 kg/m ³
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.