

ZIRCON FLOUR

Other names: Zirconium Silicate, Powdered Zircon

CAS number: 14940-68-2

Formula: Zr [SiO₄]

Technical Condition of Ukraine TU-U 14-10-015-98

Harmonize Commodity Code 2615100000

Physical description and properties:

Appearance: Light grey odorless powder.

Melting point: 2200 °C
Specific Gravity: 4500 - 4650 kg/m³
Bulk density: 2480 kg/m³
Particle size: 40 - 60 mkm
Flammable: Nonflammable
Solubility in Water: Insoluble
Minerals Contents, %
Zircon: 98 - 99%
Rutile/ Ilmenite: 0,1 - 0,3%
Monazite: 0,02
Kyanite: 0,5-2,5
Quartz: 0,05 - 0,2

Storage: in closed containers or bags, protect from physical damage.

Terms of storage unlimited.

Sieve Aperture (microns)	Cumulative retained, %	Sieve Aperture (microns)	Cumulative retained, %
--------------------------	------------------------	--------------------------	------------------------

+ 63	3 max	+ 45	2 max
------	-------	------	-------

+ 40	10 max	+ 30	6 max
------	--------	------	-------

+ 20	25 max	+ 20	10 max
------	--------	------	--------

+ 5	60 max	+ 5	40 max
-----	--------	-----	--------

On a basis of the customer's order product can be done with 325 mesh particle size min 95 %

Note: We are ready to consider the possibility of supplies of improved quality concentrate as well as with different requirements for granulometric composition.

End use: Raw material for steelmaking, refractories, glassmaking, traditional ceramics, zirconia manufacture, zirconium manufacture, enamel, glass additive and foundry uses.

Shipment:

50 kg bags;

Soft containers (big bag) 1 t net.