

SPECIFICATION

STANDARD mesh 80

CHEMICAL ANALYSIS

Contents, %	GUARANTEED	TYPICAL
AL ₂ O ₃ +TiO ₂ min	45,5	49
SiO ₂ , max	29	27
Th+U max	72 ppm	70 ppm
Moisture, max	0,5	0,2

GRAIN PROPERTIES

Sieve Aperture (microns)	Cumulative retained, %
+200	5
+160	45
+100	93
+ 63	99

Storage and packaging

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

Terms of storage:
unlimited

Shipment:

- 25 kg bags;
- Soft containers (big bag) 1 t net.

Physical description

Appearance:
brown to black free running sand

Grain shape:
irregular angle, sharp edges

Grain color:
yellow (different tints), brown



**PHYSICAL
PROPERTIES**

Specific Gravity:	3600 – 3750 kg/m ³
Bulk density:	1980-2040 kg/m ³
Grain size:	63 • 200 mkm
Flammable:	Nonflammable
Solubility in Water:	Insoluble
Angle of friction:	33°
Hardness:	7-7,5

**COMPOSITION
ANALYSIS**

Minerals	Content, %
Garnet:	81-86
Kyanite- sillimanite:	0,5-1,5
Ilmenite:	5-7
Zircon:	1-1,5
Turmaline:	7-10
Quartz:	0,1-0,5

