



SPECIFICATION

GARNET PREMIUM mesh 80

CHEMICAL ANALYSIS

Contents, %	GUARANTEED	TYPICAL
AL ₂ O ₃ +TiO ₂ min	18,1	17-21
SiO, max	29	30
Fe ₂ O ₃	15	15-17
Fe ₂ O	16	14-17
CaO	8	7-10
Moisture, max	0,5	0,2

GRAIN PROPERTIES

Mesh	Sieve Aperture (microns)	Content %
+60	+250	24,43
+70	+212	43,01
+80	+180	29,72
+100	+150	2,84

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 dark red free running sand

Grain shape: irregular angle, sharp edges

Grain color: dark red (different tints), green, brown





**PHYSICAL
PROPERTIES**

Specific Gravity:	2300 - 2400 kg/m ³
Bulk density:	3800 - 4100 kg/m ³
Grain size:	63 • 200 mkm
Flammable:	Nonflammable
Solubility in Water:	Insoluble
Angle of friction:	33°
Hardness:	7,5-8,0
Acid solubility	< 1%

**COMPOSITION
ANALYSIS**

Minerals	Content, %
Garnet:	92-96
Omphacite:	1,5
Ilmenite:	1,0
Rutile:	0,6
Hornblende :	<0,5
Quartz:	<0,1
Silica	< 1

