

SPECIFICATION

GARNET MINERAL ABRASIVE

CHEMICAL ANALYSIS

Contents, %	TYPICAL
Silica SiO ₂	36,0
TiO ₂	1,0
FeO	30,0
Fe ₂ O ₃	2,0
Alumina Al ₂ O ₃	20,0
Calcium CaO	2,0
Magnesium MgO	6,0
Manganese MnO	1,0

GRAIN PROPERTIES

Mesh	Sieve Aperture (microns)	Content %
+60	+250	23,52
+80	+180	57,77
+100	+150	18,71

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 or 2t net.

Physical description

Appearance:
pink to red coloured sand with no odour free running sand

Grain shape:
irregular angle, sharp edges

Grain color:
pink (different tints), red

Conductivity:
<25 mS/m



**PHYSICAL
PROPERTIES**

Specific Gravity:	4,1 – 4,2g/cm ³
Bulk density:	2380 kg/m ³
Grain size:	70 • 100 mkm
Flammable:	Nonflammable
Solubility in Water:	Insoluble
Hardness:	7,5-8,0
Chloride:	<25 ppm
Melting point:	1250°
Acid solubility (HCL):	Less than 1%
Conductivity:	Less than 25 ms/m

**COMPOSITION
ANALYSIS**

Minerals	Content, %
Garnet:	>97
Free Silica	<0,5
Zircon:	0,2 max
Ilmenite:	1-2
Feldspar:	0,5 max
Others:	0,1 max

