



SPECIFICATION

PREMIUM ALLUVIAL mesh 80

CHEMICAL ANALYSIS

Contents, %	GUARANTEED	TYPICAL
AL ₂ O ₃ +TiO ₂ min	18,92	19,34
SiO ₂ , max	37,04	36,88
Fe ₂ O ₃	26,13	26,46
FeO	1,60	1,50
CaO	8,89	9,35
MgO	5,68	5,73
Moisture, max	0,5	0,2

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 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:	3800 - 4100 kg/m ³
Bulk density:	1800 - 2000 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, %
Almandine Garnet:	>97
Hornblende:	<0,2
Ilmenite:	< 1
Calcium Carbonate:	<2
Zircon:	<0,2
Quartz:	<0,8
Silica	< 1

