



SPECIFICATION

PREMIUM ALLUVIAL plus mesh 80

CHEMICAL ANALYSIS

Contents, %	GUARANTEED	TYPICAL
Al₂O₃+TiO₂ min	27,50	24-30
SiO₂, max	31,22	31-33
Fe₂O₃	22,89	21-26
FeO	1,65	1,50
CaO	8,89	8-11
MgO	5,68	5-7
Moisture, max	0,5	0,2

GRAIN PROPERTIES

Mesh	Sieve Aperture (microns)	Content %
+60	+250	28,92
+80	+180	55,74
+100	+150	15,34

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





PHYSICAL PROPERTIES

Specific Gravity:	4100 - 4200 kg/m ³
Bulk density:	2200 - 2000 kg/m ³
Grain size:	63 • 200 mkm
Flammable:	Non-flammable
Solubility in Water:	Insoluble
Angle of friction:	33°
Hardness:	7,5-8,0
Acid solubility	< 1%

COMPOSITION ANALYSIS

Minerals	Content, %
Almandine Garnet:	>95
Hornblende:	<0,2
Ilmenite:	<5
Calcium Carbonate:	<2
Zircon:	<0,2
Quartz:	<1
Silica	<1

