

TECHNICAL SPECIFICATION

PHYSICAL PROPERTIES

Melting Point	1320 °C
Specific Gravity	4.0 to 4.5
Bulk Density	2.4 g/cm ³
Solubility in Water	Insoluble
Acid Solubility	< 0.5 %
Appearances & Odor	Pink to red & No odor
Physical State	Solid
Viscosity	Not Applicable
Boiling Point	Not Applicable
Vapour Pressure	Not Applicable
Ph	Neutral
Hardness	> 7 Moh scale
Free Metal	< 0.01 %
Water soluble Chloride	< 25 ppm
Conductivity	< 15 mS/m
Moisture	< 0.20 % (dry solid)
Grade Shape	Sub Angular
Grain Size	90 micron to 1700 micron




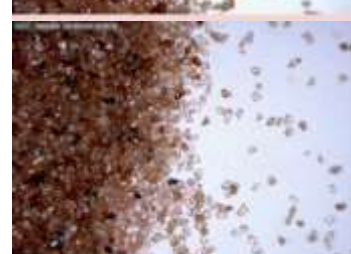

CHEMICAL PROPERTIES

SiO ₂	35.00 %
Fe ₂ O ₃	33.00 %
Al ₂ O ₃	21.00 %
MgO	07.30 %
CaO	01.50 %
TiO ₂	01.00 %
Cr ₂ O ₃	00.05 %
MnO	00.50 %
P ₂ O ₅	00.04 %

MINERALOGICAL COMPOSITION

Almandine Garnet (Fe ₃ Al ₂ (SiO ₄) ₃)	>98.00 %
Ilmenite (FeTiO ₃)	<01.50 %
Shell (CaCO ₃)	<00.20 %
Quartz (SiO ₂)	<00.50 %
Zircon (ZrSiO ₄)	< 00.20 %

PRODUCT: GARNET
AVAILABLE SIZES

	# 16 - 20
	# 20 - 40
	# 30 - 60
	# 80
	# 120