

CERTIFICATE OF CONFORMITY

Product : Garnet Grade 30/60 Mesh
 Packing : 2 Ton Bulk Bags
 Batch : BRG2237
 Customer : Asua Blast S.L

25-02-19

CHEMICAL ANALYSIS	% WEIGHT
Total Silica as SiO ₂	35.60%
Free Silica as SiO ₂	0.03%
Chloride as Cl	11.00 PPM
Sulphate as SO ₄	Traces
Alumina as Al ₂ O ₃	20.54%
Iron Oxide as Fe ₂ O ₃	30.24%
Titanium as TiO ₂	2.90%
Calcium as CaO	1.22%
Magnesium as MgO	4.97%
Soda as Na ₂ O	0.02%
Potash as K ₂ O	0.01%
Manganese as MnO ₂	0.13%
Phosphorous as P ₂ O ₅	0.01%

SIEVE ANALYSIS

MESH	MM	RETAINED%	PASS %
30	0.600	2.15	97.9
40	0.425	28.18	69.7
50	0.300	43.28	26.4
60	0.250	23.60	2.8
-60		2.79	0.0
Total		100.0	

PURITY

MINERAL	%
GARNET	97.20
ILMENITE	1.90
QTZ&OTHERS	0.90
TOTAL	100

PHYSICAL PROPERTIES	
Appearance	Dark pink particles of glassy appearance
Odour	None
pH	Expected to be neutral in water.
Boiling Point	Not Known
Melting Point	$\pm 1260^{\circ}\text{C}$
Flash Point	Non-combustible
Flammability	Not flammable
Autoflammability	Not applicable
Explosive Properties	None
Oxidising Properties	None
Vapour Pressure	Not applicable
Density	4.2
Solubility in Water	Insoluble
Solubility Solvents	Not applicable
Solubility Coefficient	Not applicable

