

A1 Garnet

SPECIFICATIONS

GRADE #30-60- Super- Grade

Mineralogy	Guaranteed (%)	Typical (%)
Garnet	Min - 96.5	97
Chemical Analysis		
Parameters		Typical (%)
SiO ₂		36-38
Al ₂ O ₃		20-22
Fe ₂ O ₃		31-33
TiO ₂		0.5-0.8
CaO		2-4
MgO		7-9
LOI		0.01-0.05
P ₂ O ₅		0.1-0.2
Soluble Chloride		< 20 ppm
Sieve Analysis		
Mesh (US)		Retention (%)
30		0-3
40		3-8
50		35-42
60		45-50
70		12-20
80		0-2
-80		traces
Physical Analysis		
Specific Gravity		4.1
Hardness		7.5 - 8.00 (Moh Scale)
Bulk Density		2.40 gm/cm ³
Conductivity		< 10 Micron Siemens/Metre

Note: Garnet is a natural product and as such slight variations in the chemical analysis and size distribution should be expected. Special contracts covering guarantees other than those specified can be negotiated.

Packaging

- 25 kgs. PE bags (max. 1000 kgs/ 1MT.)
- 1000 kgs. In 1MT Jumbo bag

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