

A1 Garnet

SPECIFICATIONS

GRADE #20-40- Super

Mineralogy	Guaranteed (%)	Typical (%)
Garnet	Min - 96.5	95-98
Ilmenite		1-2
Zircon		0.25
Quartz(Free Silica)		<0.5-3.5
Others		0.25
Chemical Analysis		
Parameters		Typical (%)
SiO₂		34-37
Al₂O₃		18-20
FeO		28-30
Fe₂O₃		1.5-2.5
TiO₂		0.75-1.25
CaO		1.5-2.0
MgO		5.0-6.0
LOI		0.01-0.05
Soluble Chloride		< 25 ppm
Sieve Analysis		
Mesh (US)		Retention (%)
20		3-7
40		85-90
-40		5-8
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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