

# A1 Garnet SUPER

## SPECIFICATIONS

**GRADE #80**

Mineralogy	Guaranteed (%)	Typical (%)
Garnet	Min - 90	92
<b>Chemical Analysis</b>		
Parameters		Typical (%)
SiO <sub>2</sub>		36-38%
Al <sub>2</sub> O <sub>3</sub>		20-23%
Fe <sub>2</sub> O <sub>3</sub>		31-33%
TiO <sub>2</sub>		1-1.5%
CaO		1-1.5%
MgO		6-8%
ZrO <sub>2</sub>		Traces
Soluble Chloride		Less than 20 ppm
<b>Sieve Analysis</b>		
Mesh (US)		Retention (%)
-60		0-3
+70		50-65
+80		25-30
+100		20-23
-100		5-10
<b>Physical Analysis</b>		
Specific Gravity		4.1
Hardness		7.5 - 8.00 (Moh Scale)
Bulk Density		2.40 gm/cm <sup>3</sup>
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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