



**BALAJI GROUP**

Quality without compromise That's our Promise



## CHEMICAL SPECIFICATION REPORT OF GARNET SAND

### **CHARACTERISTIC**

Product : Garnet Abrasive Sand.  
 Size : 20/40, 30/60 & 80/120.  
 Used For : Sand Blasting, Water Jet Cutting etc.

### **CHEMICAL COMPOSITION**

SiO <sub>2</sub>	36-38%
Al <sub>2</sub> O <sub>3</sub>	20-22%
Fe <sub>2</sub> O <sub>3</sub>	31-33%
MgO	6-8%
MnU	0.53%
CaO	1-1.5%
TiO <sub>2</sub>	0.3-0.7%

### **PHYSICAL PROPERTIES**

Chloride (Cl)	25 PPM
Electrical Conductivity	45 ms/cm
Specific Gravity	4.10
Color	Ruby Red
Bulk Density	2.40 gm/cm <sup>3</sup>
Hardness	7.8 MOH Approx.
Melting Point	1300-1400° C
Grain Shape	Semi Angular

### **SIEVE ANALYSIS**

20-40 Mesh	30-60 Mesh	80-120 Mesh
+20 Mesh: 5% Max.	+30 Mesh: 5% Max.	+80 Mesh: 5% Max.
-40 Mesh: 5% Max.	-60 Mesh: 5% Max.	-120 Mesh: 5% Max.

CONTACT US  
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The **achievement** of perfection in quality is our Goal; but excellence is **guarantee..**