

River Garnet

It is a natural and chemically inert mineral, which is irregularly shaped with polished edges. Typically garnet is processed from Garnet mineral found in rivers, sea and rock. We source our river garnet from India , rock and sea garnet from china.

Applications:

Garnet Sand has multiple industrial applications, such as sand blasting, for water jet cutting, as sandpaper for finishing bare wood and in the petrochemical industry.

Grade# 30-60

Physical Analysis	
Bulk Density	2.30- 2.70 g/cm ³
Specific Gravity	3.9-4.30
Hardness (Moh)	7.5-8
Grain Shape	Angular and semi angular
Color	Reddish Purple
Solubility	Insoluble
Chloride	10-15 ppm
Conductivity	39.4 μ s/cm

Chemical Analysis (Typical)	
SiO ₂	36%
AL ₂ O ₃	21.14%
FeO	37%
Ca ₂ O	2.04%
TiO ₂	1.5%
MnO	0.5%
MgO	1.74%

Grade# 20-40

Physical Analysis	
Bulk Density	2.30- 2.70 g/cm ³
Specific Gravity	3.9-4.30
Hardness (Moh)	7.5-8
Grain Shape	Angular and semi angular
Color	Reddish Purple
Solubility	Insoluble
Chloride	10-15 ppm
Conductivity	39.4 μ s/cm

Chemical Analysis (Typical)	
SiO ₂	36%
AL ₂ O ₃	21.14%
FeO	37%
Ca ₂ O	2.04%
TiO ₂	1.5%
MnO	0.5%
MgO	1.74%

Grade# 12-25

Physical Analysis	
Bulk Density	2.30- 2.70 g/cm ³
Specific Gravity	3.9-4.30
Hardness (Moh)	7.5-8
Grain Shape	Angular and semi angular
Color	Reddish Purple
Solubility	Insoluble
Chloride	10-15 ppm

Chemical Analysis(Typical)	
SiO ₂	36%
AL ₂ O ₃	20%
FeO	20%
Fe ₂ O ₃	9%
TiO ₂	1.5%
MnO	5%
MgO	6%