

BALAJI Garnet

For Waterjet Cutting



BALAJI GROUP
QUALITY WITHOUT COMPROMISE,
THAT'S OUR PROMISE.

GUARANTEED PURITY | HIGHER PERFORMANCE | NO OVERSIZE GRAINS | REDUCED ABRASIVE CONSUMPTION



The World's Most Popular Waterjet Abrasive

BALAJI GARNET is one of the best quality Abrasive recognized among manufacturers of waterjet cutting machinery. It is precisely engineered to support both peak performance and longer lasting operating life of today's highly sensitive waterjet cutting tools.

The unique grain hardness of BALAJI GARNET guarantees highest production rates and a perfect cutting edge from the first cut. Consistent, accurate product sizing ensures no oversize grains, and enables steady abrasive flow with no blockages in the focusing tube.

Additionally, we offer the widest variety of job specific waterjet cutting abrasives which allows our customers to deliver optimal results.

MAJOR INDUSTRIES

- Stone Cutting
- Metalworking
- Manufacturing
- Aerospace
- Automotive
- Defense
- Glass Cutting
- Transportation

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CHARACTERISTIC

Product : Garnet Sand (For Waterjet Cutting)
Size : 80, 100 & 120 Mesh.
Used For : Sand Blasting, Water Jet Cutting etc.

CHEMICAL COMPOSITION

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

PHYSICAL PROPERTIES

Chloride	20 PPM Max.
Electrical Conductivity	35 MS/cm
Specific Gravity	4.1
Color	Pink
Bulk Density	2.40 gm/cm ³
Hardness	7.8 MOH Approx.
Melting Point	1300
Grain Shape	Sub Angular

ABRASIVE

BALAJI's WATERJET 80

The most versatile waterjet abrasive grade. Delivers the optimum balance of cutting speed and precision edging.

BALAJI's WATERJET 100 & 120

High Precision Cutting. For achieving high quality edging and accuracy.

APPLICATIONS

BALAJI Garnet is ideally suited for all applications including:

- Carbon Steel
- Stainless Steel
- Copper
- Granite
- Marble
- Glass
- FRP
- Carbon Fiber

PACKAGING

Our packaging options:

- 25 kg paper bags in 1 metric ton or 2 metric ton Bulk Bags.
- Loose in 1 MT or 2 MT Bulk Bag.

For More Details Please Contact:

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