



Galaxy Garnet for Waterjet Cutting

Opta Minerals your source for Waterjet Cutting Products:

Galaxy Garnet
Galaxy Garnet 80S
Indian Garnet
Indian Garnet 80S
International Garnet
Jetcut 80S

Contact Us

Our sales team is ready to help you to determine the right product for your job.
For more information please call us:
Toll-free: 888-689-6661
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E-mail: info@optaminerals.com
Visit: www.optaminerals.com

- Galaxy Garnet is a Hard Rock Garnet and imported from the largest and most technically advanced Garnet miner/processor in China.
- Galaxy Garnet is mined from an Almandite Garnet deposit with proven reserves of over 1 million tons.
- Galaxy Garnet is processed from the crude ore by means of crushing, milling, washing, drying and screening. Screening can be adjusted to meet customer's need.
- Galaxy Garnet offers you the benefits of a premium quality at an affordable price.
- Galaxy Garnet is harder and sharper (crushed) than any other almandite/alluvial Garnet. Hard Rock Garnet has the ability to cut thick alloys at a higher speed and at a better quality.
- Galaxy Garnet is carefully screened to appropriate sizes for waterjet cutting.

The sharpness and size ranges offer a product to improve your cutting speed and cutting quality.

ADVANTAGES OF GALAXY GARNET

- Unlimited resources and large inventories
- Available from various locations across northern America
- To cut thick alloys at higher speed and at better quality than any other garnet

AVAILABLE SIZES AND PROFILES:

(Sieve U.S. Standard)	#50	#80	#80-F	#120
30				
40	32.0			
50	62.4	8.6		
60	5.3	62.6	4.1	
70	0.3	19.3	14.3	3.5
100		9.5	76.6	45.0
140			5.0	48.0
200				3.5
PAN				

TECHNICAL SPECIFICATIONS

Symbol	Name	Percentage
SiO ₂ (total)	(Silicon Dioxide)	37.2%
Fe ₂ O ₃	(Iron Oxide)	33.2%

TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
Al ₂ O ₃	(Aluminium Oxide)	20.6%
MgO	(Magnesium Monoxide)	6.1%
CaO	(Calcium Monoxide)	2.0%
MnO	(Manganese Monoxide)	0.6%
TiO ₂	(Titanium Dioxide)	0.3%

CHARACTERISTICS

Colour:	Darkbrown/Red
Bulk Density:	140 lbs./ft. ³
Specific Gravity:	4.0 - 4.1
Grain Shape:	Angular and Sharp
Solubility:	Insoluble
Hardness:	7.5 - 8.0 Mohs

PACKAGING:

55 lb paper bags, 40 bags in a Super Sac
2200 lb Super Sacs