



Opta Minerals is your source for Waterjet Cutting Products:

International Garnet

Wesjet Garnet

Contact Us

Contact us today and let our experienced sales team help you find the right product to meet your needs. For more information please call us:
 Toll-free: 1-888-689-6661
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Galaxy Garnet for Waterjet Cutting

- 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
- Galaxy Garnet is designed to improve your cutting speed and cutting quality

ADVANTAGES OF GALAXY GARNET

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

AVAILABLE SIZES

(Sieve U.S. Standard)	MM	#50	#80	#80-F	#120
30	0.600				
40	0.425	32.0			
50	0.300	62.4	8.6		
60	0.250	5.3	62.6	4.1	
70	0.212	0.3	19.3	14.3	3.5
100	0.150		9.5	76.6	45.0
140	0.106			5.0	48.0
200	0.075				3.5
PAN					

TECHNICAL SPECIFICATIONS

Symbol	Name	Percentage
SiO ₂ (total)	Silicon Dioxide	37.2
Fe ₂ O ₃	Iron Oxide	33.2
Al ₂ O ₃	Aluminium Oxide	20.6
MgO	Magnesium Monoxide	6.1

Symbol	Name	Percentage
CaO	Calcium Monoxide	2.0
MnO	Manganese Monoxide	0.6
TiO ₂	Titanium Dioxide	0.3

CHARACTERISTICS

Colour:	Dark Brown/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