



International 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
 Tel: 519-720-9694
 E-mail: info@optaminerals.com
 Visit: www.optaminerals.com

International Garnet is mined as a by-product in a mineral mining process. In our state of the art facility in Keeseville, NY and Laval, Quebec the Garnet is crushed, screened and packaged as per customer's requirements.

International Garnet is carefully screened to appropriate sizes for waterjet cutting.

ADVANTAGES OF INTERNATIONAL GARNET FOR WATER JET CUTTING

- Unlimited resources and large inventories
- Available from various locations across northern America

AVAILABLE SIZES AND PROFILES

(Sieve U.S. Standard)	#50	#60	#80	#120X
30				
40	21.8			
50	66.0	33.1		
60	9.8	40.6	31.4	
70	1.6	24.4	41.1	0.2
80	0.7	1.3	16.1	0.3
100		0.6	0.6	65.6
140				26.1
200				7.8
PAN				

TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
SiO ₂ (total)	(Silicon Dioxide)	36.0%
Fe ₂ O ₃	(Iron Oxide)	31.1%
CaO	(Calcium Monoxide)	26%
Al ₂ O ₃	(Aluminium Oxide)	2.9%
MgO	(Magnesium Monoxide)	1.0%
MnO	(Manganese Monoxide)	1.0%
TiO ₂	(Titanium Dioxide)	1.0%



CHARACTERISTICS

Colour:	Dark Brown / Grey
Bulk Density:	~140 lbs./ft. ³
Specific Gravity:	3.8 – 3.9
Grain Shape:	Angular
Solubility:	Insoluble
Hardness:	7 - 7.5 Mohs

PACKAGING

55 lb paper bags, 80 bags in a Super Sac
4000 lb Super Sacs