



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
 Tel: (905) 689-6661
 Email: info@optaminerals.com
www.optaminerals.com

International Garnet for Waterjet Cutting

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

(Sieve U.S. Standard)	MM	#50	#60	#80	#120X
30	0.600				
40	0.425	21.8			
50	0.300	66.0	33.1		
60	0.250	9.8	40.6	31.4	
70	0.212	1.6	24.4	41.1	0.2
80	0.180	0.7	1.3	16.1	0.3
100	0.150		0.6	0.6	65.6
140	0.106				26.1
200	0.075				7.8
PAN					

TECHNICAL SPECIFICATIONS

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