



## 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 80S for Waterjet Cutting

Galaxy Garnet 80S contains almandine garnet, a hard rock garnet considered by many to be the most efficient waterjet cutting abrasive media available. Its hardness and angular shape allow this garnet to provide high precision finishes at very high speeds. Make your garnet dollars go farther with Galaxy Garnet 80S.

### ADVANTAGES OF GALAXY GARNET 80S

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

### AVAILABLE SIZES

U.S. Mesh	MM	% Retained
30	0.600	0.0
40	0.425	0.0
50	0.300	5.0
70	0.212	45.0
100	0.150	30.0
140	0.106	16.0
200	0.075	4.0
270	0.053	0.0
PAN		

### TECHNICAL SPECIFICATIONS

Symbol	Name	Percentage
Al <sub>2</sub> O <sub>3</sub>	Aluminium Oxide	21 - 46
Fe <sub>2</sub> O <sub>3</sub>	Iron Oxide	3 - 18
SiO <sub>2</sub> (total)	Silicon Dioxide	22 - 37
TiO <sub>2</sub>	Titanium Dioxide	5 - 16
ZrO <sub>2</sub>	Zirconium Dioxide	4 - 8
CaO	Calcium Oxide	< 2.0
MnO	Manganese Oxide	< 0.64

### CHARACTERISTICS

<b>Colour:</b>	Dark reddish brown
<b>Bulk Density:</b>	~140 lbs./ft. <sup>3</sup>

<b>Specific Gravity:</b>	3.7 - 4.0
<b>Grain Shape:</b>	Angular / Sub-angular
<b>Solubility:</b>	Insoluble
<b>Hardness:</b>	7 - 7.5 Mohs

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**PACKAGING:**

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- 55 lb. paper bags, 40 bags in a super sac
- 2200 lb. super sacs