



Galaxy Garnet 80S 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

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

GALAXY 80S TYPICAL GRADATION:

U.S. Mesh	Micron	% Retained
30	600	0.0%
40	425	0.0%
50	300	5.0%
70	212	45.0%
100	150	30.0%
140	106	16.0%
200	75	4.0%
270	53	0.0%
PAN		

TECHNICAL SPECIFICATIONS

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

CHARACTERISTICS

Colour:	Dark reddish brown
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CHARACTERISTICS

Bulk Density (loose):	~140 lbs./ft. ³
Bulk Density (compacted):	~145 lbs./ft. ³
Specific Gravity:	3.7 - 4.0
Moisture	< 0.30%
Grain Shape:	Sub-angular
Solubility:	Insoluble
Hardness:	7 - 7.5 Mohs

PACKAGING:

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