



Opta Minerals your source for Water Filtration Media:

- Crushed Glass
- Galaxy Garnet
- International Garnet
- Emerald Creek Garnet

Water Filtration

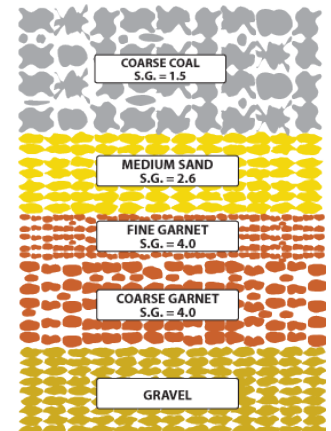
Opta Minerals is a world leading supplier of water filtration products, including:

- Garnet – Galaxy Garnet
- Garnet – International Garnet (UL Certified)
- Garnet – Emerald Creek Garnet (NSF 61 Certified)
- Crushed Glass

Excerpt from “Introduction to Water Treatment – Volume 2” (AWWA)

...Dual- and mixed/multi media filters have a coarse-to-fine gradation of filter media. By using fine media with a high specific gravity and coarse media with a lower specific gravity, the layers of media approximately maintain their respective positions in the filter bed even after backwashing. Some mixing does occur. Mixing actually makes the filter more effective by providing more contact area for the suspended particles.

In operation, the coarse layer on top removes larger suspended particles. The finer particles pass through this layer and are removed by finer media below. As a result, most of the filter bed is used to remove suspended particles. This allows for longer filter runs and higher filtration rates because head loss does not build up as quickly as with rapid-sand filters. Multi-media filters are becoming popular, because they can greatly increase a water treatment plant's capacity without loss in water quality...



GALAXY GARNET

Galaxy Garnet is a naturally hard and High Density filter material, used in multi-media water filtration systems. Garnet is recommended as a support bed for other materials such as sand, anthracite etc. Visit www.OptaMinerals.com/ to learn more.

INTERNATIONAL GARNET

International Garnet is a High Density garnet, mined in New York State. In our production facilities in Keeseville, NY and Laval, Quebec we process a clean and custom screened garnet for water filtration. Visit www.OptaMinerals.com/ to learn more.

EMERALD CREEK GARNET

Emerald Creek Garnet is mined in the Carpenter Creek and Emerald Creek basins in Idaho, USA. Mining started in 1930; the processing plant is in Fernwood, Idaho. Visit www.OptaMinerals.com/ to learn more.

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

CRUSHED GLASS

Crushed Glass is made of 100% crushed recycled glass that has been washed, disinfected, dried, screened and bagged. The main use is in Pool Filtration System.

Crushed glass is lighter (less dense) than sand. In many cases Crushed Glass has been known to remain effective up to 10 years, compared to 2 - 3 years with sand. Visit www.OptaMinerals.com/ to learn more.