

GARNET FILTER MEDIA



Garnet is a high-density water filtration media used to remove fine particulate and keeps the silica gravel bed static during rigorous backwash. In a multi-media filter, garnet sand is the finest layer and is located below the filter sand layer. Due to its high specific gravity, the garnet remains in its position in the filter — even after backwashing. Coarse garnet sizes are available for support layers.

Red Flint Sand and Gravel's garnet filter media is a chemically inert, nonmetallic mineral that is known for its hardness and durability. Garnet's high specific gravity, chemical and abrasive resistance, make it the ideal media for water filtration.

Red Flint offers a variety of high-density garnet medias that will meet your project's specifications. We offer almandite-type and andradite-type garnets. Available in sizes #8 to #80. Packaging in 50 lb. bags or super-sacks.



GARNET FILTER MEDIA

Parameter	Description
Color	Dark Pink, Red, Purple, Brown
Fracture	Angular
Free Silica Content	< 0.5%
Hardness (Mohs Scale)	7.0 - 8.0
Bulk Density	120 - 151 lbs. per cubic foot
Apparent Specific Gravity	≥ 3.8
Acid Solubility	< 1.0%



Certified to
NSF/ANSI Standard 61

DISCLAIMER: The information in this publication is true and reliable to the best of our knowledge. They are offered in good faith, but without warranty or liability of consequential damage as conditions and method of use of product is varied and beyond our control. We suggest the suitability and performance of the product be determined by the end user before they are adopted on a commercial scale.

Last updated 12/2/2021