

FILTER DATASHEET

GARNET AQUA-GARCO

GARNET IS A NATURALLY OCCURRING MINERAL WITH UNIFORM PHYSICAL, CHEMICAL, HARDNESS & MICROSTRUCTURE CHARACTERISTICS, WHICH PROVIDE THE ESSENTIAL PROPERTIES FOR A WIDE VARIETY OF INDUSTRIAL USES.

PRODUCT DESCRIPTION

Garnet is the compositional variety known as almandite. There are no free elements; all oxides are combined chemically as an iron-rich aluminosilicate, which has the formula: $\text{Fe}_3\text{Al}_2(\text{SiO}_4)_3$. Texturally and compositionally uniform in all sizes. All material is mined from the same high-grade deposit.

ADVANTAGES

- High specific gravity allows unique filter design
- In combination with other filter medias, higher flow rates, higher loading and better filtration can be achieved
- High hardness reduces attrition and provides for years of reliable service
- An excellent support bed for other high density medias



PHYSICAL PROPERTIES

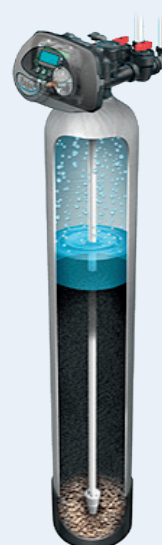
- Density: 4.1 g/cm³
- Bulk density: 2250 kg/m³
- Acid solubility: Insoluble
- Shape: Sub-rounded to sub-angular
- Sizes available:
Standard sizes 0.3 - 0.6 mm and 1.4 - 2.5 mm,
other sizes upon request.

CONDITIONS FOR OPERATION

- Wide range - application specific

ORDER INFORMATION

Reference	0901039452 (AX) - 10870000028 (D365)
Search name	Aqua-Garco
Item name	Aqua-Garco 1,4-2,5mm
Packaging	25kg



Standardly used in an Evolve Hydrox Air filter to support Hydrox in better performance.