



ANTHRACITE
Filter Media Company

Garnet Sand

Garnet is a naturally occurring gem mineral with uniform physical, chemical, hardness, friability and micro-structure characteristics, which provide the essential properties for filtration and other industrial uses. Applications range from small, single-media filters to technically advanced multimedia commercial and industrial systems.

Typical Chemical Analysis

Silicon Oxide	38%	Magnesium Oxide	2%
Iron Oxide	30%	Calcium Oxide	2%
Aluminum Oxide	26%	Manganese Oxide	2%
Free Silica	None		

Physical Properties

Hardness (Moh's Scale)	7.0 - 8.0	Lustre	Vitreous
Specific Gravity	4.0 - 4.2	Melting Point	About 2300 °F
Strength	Semi-friable to tough	Acid Solubility	Insoluble
Fracture	Blocky, angular, irregular	Magnetism	Slightly magnetic
Pathological Effects	None/Inert	Moisture Absorption	Non-hygroscopic

Standard Products

Mesh Size	Density, Lbs/Ft ³
No. 8/12	149
No. 12	149
No. 16	138
No. 25	137
No. 36	135
No. 30/40	125
No. 60	120
No. 60/80	120
No. 80	117
No. 100	109

Packaging: 50 Lb Bags / Supersacks