



Sai Minerals

THE MINERAL SOLUTIONS

*Take the Mineral Step
for your Organization*



About us

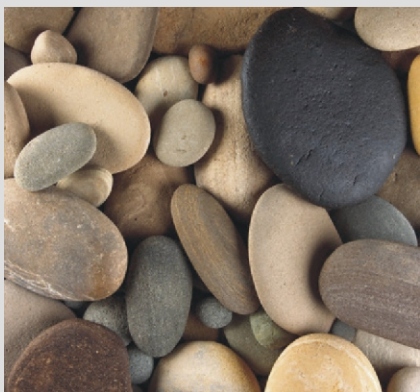
WELCOME TO SAI MINERALS

Since 1996 Sai Minerals has been involved in identifying and utilizing natural geological resources to become leading mineral producer. The founder of the company works on the principles of offering high quality products and customized solutions to its customers throughout.

Sai minerals technologies functions on the same core principle to offer the best materials for filtration media, meeting the stringent requirements and standards of the water treatment industry. We are providing our customers with finest water filtration materials.

The dedication and commitment to this principle is of highest value to our organization, we provide customers the highest quality of products and an unmatched level of service. These principles have earned our organization outstanding reputation in the markets we serve.

In response to changing market condition, we seek innovative approaches to enhance our relationship with clients. These principles are the core of our business philosophy.



Filter Media

Water filtration sand

Sai Minerals Water filter sand is composed of sub-angular, hard, durable, and dense grains of predominately siliceous material. Extracted from a clean glacial sand deposit, Sai Minerals Water filter Sand physical properties make it among the finest available in the world for filtration applications. Sai Minerals water filter sand is washed, clean dried, and screened to meet exacting specifications with strict adherence to quality control.

Pool filtration sand

Like a filter used to purify drinking water, a swimming pool's water filter performance depends on the water filtration media. You can use Sai Minerals Sand and Gravel pool filtration media to purify your pool water. Protect your pool and your family from water borne contaminants by using Sai Minerals pool filtration media.

Water filter gravel-pebble

Sai Minerals Gravel and water filter pebble is composed of sub-angular, hard, durable, and dense grains of predominately siliceous material. Extracted from a clean glacial deposit, Sai Minerals Gravel and Pebble's physical properties make it among the finest available in the world for water filtration applications. Sai Minerals water filter gravel is washed, kiln dried, and screened to meet exacting specifications with strict adherence to quality control.

Filter Anthracite(filter coal)

Anthracite media is hydraulically classified to reduce foreign mineral matter and to lower ash content. The water filtration media is then screened and washed to ensure suitability for water filtration purposes. Anthracite characteristically produces reliable improvements in turbidity removal, mostly due to better solids holding capacity. Additionally, low uniformity coefficient media improves flow rates.

Quartz sand/Silex

Sai minerals quartz sand and quartz silex used in the highest specification three layer multimedia filters in which the decreasing grain size is in the direction of flow produces the ideal conditions for high filtration rates and long filter runs. It is also used in the various glass industries for glass manufacturing.

GARNET SAND

Sai Minerals Garnet Sand is a chemically inert non-metallic mineral commonly found in the natural environment. Garnet has a high specific

We are producing filter media as per your requirement

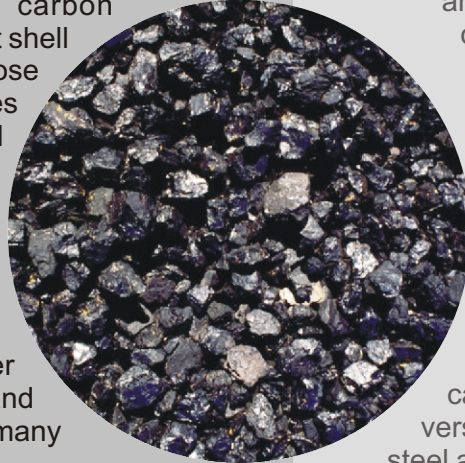
gravity. Its chemical, hardness, and durability properties makes garnet an ideal filter media and abrasive media.

Iron Removal Media/ Green sand

Sai Minerals Manganese Greensand is used to remove iron, manganese and hydrogen sulphide from water resources. It is used alone or in combination with coal in dual media filtration systems.

Activated carbon(Granular powder)

Sai Minerals Activated carbon manufactured from coconut shell is considered superior to those obtained from other sources mainly because of small macropores structure which renders it more effective for the adsorption of gas/ vapor and for the removal of colour and odour of compounds. Activated carbon powder used in pharmaceuticals and glucose industries and many more.



Sand Blasting Media

(1) Copper slag

Copper slag is widely used as a surface preparation media. Ensuring that surface adhesion for coating purposes meets to the desired anchor patterns & cleanliness. Various mesh size are produced meeting to specification
Application : with pressure blasting equipments, Copper slag are used in removal or mill scale, rust paint etc, Scope of work refineries, Shipyards, Offshore oil rigs, Tank builders, Steel fabricators etc..

(2) Garnet sand

Garnet is a natural minerals and not a by products of a chemical process. It is inert and non-toxic and virtually free of silica, thus excluding any danger whatsoever of silicosis hazard. Garnet has a very low dust emission. This makes it safe for the operator , does not pollute the atmosphere and causes minimal disturbance in the vicinity and adjoining areas. In consequence the use of natural garnet as an abrasive has won a worldwide approval among occupational health authorities. Moreover, as Garnet is an environment friendly material ,It is now gaining favor with many environment protection



authorities, for the following main reasons:

- (1) Garnet does not pollute the atmosphere because it has very low dust emission. Therefore it offers no known health hazard.
- (2) When used offshore, does not contaminate or foul the sea-bed nor disturb marine life.
- (3) Due to its high productivity, less garnet is used and therefore less cleanup and disposal.
- (4) As garnet could be recycled several times and also being a natural non-toxic mineral, it does not Create disposal problems as other slag abrasives do.

(3) Steel shot- Steel grit

Stainless steel shot grit finds applications in cleaning, polishing stainless steel rods, pipes, plates, nonferrous die-casting (such as aluminum, magnesium), Aluminum wheel, and Orthopedic implant. It is also used for cleaning magnetic parts when ferrous residues cannot be tolerated. Steel shot- grit is very versatile and durable when compared to cast steel abrasives, due to virtually no internal defect i.e. no hallow, twin, shrinkage, split, cracks etc. Its higher density also offers a higher blast impact when cast steel abrasive.

(4) Aluminum oxide

AL₂O₃ - Aluminum Oxide have the characteristics of high hardness (second hardest mineral after diamond), sharpness, tenacity, stable chemical property, heat resisting and corrosion resisting, This sharp angular abrasive is fast cutting and is silica free. It gives a mass finish. or produces anchor patterns on most metal surfaces and can be used economically in a closed system blasting system.

(5) Glass beads

Glass beads are perfectly spherical in shape with a smooth, shiny surface; they are also extremely hard and totally non flammable. Their chemical inertness (insolubility in water or oil) guarantees that neither the components to be treated nor the environment of the work station are contaminated.

(6) Abrasive sand (for sand blasting)

Sai Minerals abrasive sand is a washed, dried, and closely graded product. Because of the unique shape, and the chemical makeup of the sand, it offers the qualities necessary for superior abrasive profiles. Abrasive sand is particularly applicable for the removal of heavy rust, epoxy paints, concrete, mill scale rust and paint from steel surfaces of structural members and gauge materials.



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