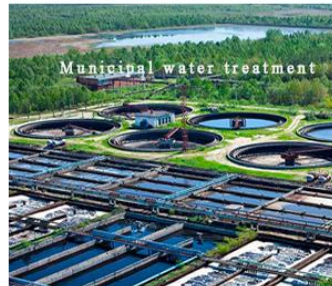


Filter medias

This is Vicky. We focus on one thing: filter medias.

Let us be your trusted source for all water treatment services,we promise:

- 1. Providing quality products and services**
- 2. Offering sensible pricing**



Here please find the following products details:

Coconut shell activated carbon



Description

Coconut shell activated carbon is made from high quality coconut shell, as material, with high hardness, well developed porous structure, big specific surface area, strong absorption rate, easy regenerated.

Specifications

Iodine Absorb(mg/g)	≥850	≥950	≥1000	≥1100	≥1150
Specific surface area(m ² /g)	1000	1100	1150	1250	1350
Hardness (%)	≥94	≥95	≥96	≥97	≥98
Moisture (%)	≤10	≤10	≤8	≤8	≤8
Ash (%)	≤8	≤5	≤5	≤5	≤5
Loading Density (g/l)	600-650	550-600	500-550	450-520	430-480

Application

1. drinking water purification and sewage treatment
2. catalyst carriers (palladium, platinum, rhodium, etc.)
3. waste gas and harmful gas governance, gas purification;
- 4 .In the gold mining industry of gold extraction, tail liquid recycle;
5. In the environmental protection industry wastewater treatment
6. In the food industry, beverage, wine, and food refining and decoloring;

Packaging detail

- 1) 25kg or 50kg per bag;
 - 2) Jumbo bag, like 1 ton;
- Special packing requirements is acceptable.

Coal based pellet activated carbon



Description

This product is refined through the series of production technology with the high quality anthracite coal as raw materials. It has the advantage of well-developed pore structure, large surface area, strong adsorption properties, stable chemical performance, and easy regeneration.

Application

- 1.as catalyst and catalyst carrier in chemistry industry.
- 2.Treatment and purification of industrial and domestic waters.
- 3.Purify and separate hydrogen, nitrogen, hydrogen chloride etc;
- 4..For industrial gas masks and respirators, to guard against poison.
- 5.For toxic gas purification,Purifying the poisonous gas and industrial waste gas;
- 6For water treatment in cold drinks, the depth of industrial water and wastewater
7. For many kinds of air cleaner, air-conditioner air condition fan, lampblack purification and so on. Swimming pool; Gas mask
8. 4mm activated carbon with high adsorption of VOC's (acetone, butanone, ethyl acetate, naphtha, toluene, resins), It have the capacity to adsorb 50% from the activated carbon weight. If you put 1000kg of new carbon, after exhaustion must have at least 1500kg weight.

Specifications

Analysis	Index	Analysis	Index
Iodine Value	500-1100mg/g	Filling density	0.38-0.55g/cm ³
Surface Area	>1000m ² /g	Strength	92%min
Ash content	<8%	Moisture	8% or less
CTC	50%-85%	PH value	5-9

Powder activated carbon



Description

high quality sawdust and husk as raw material, zinc chloride and phosphate as activators, refined through carbonization, activation, finished products have excellent adsorption capacity, low impurity content.

Application

for purifying in the manufacturing of sugar, drug, drinks and wine. For wastewater treatment and in the decolorizing, refining and purifying of organic solvents. for decoloring and impurities removal of medicine, food additive, chemical industry, beverage and so on. Moreover, powder activated carbon can be used in water purification.

Chemical Method Powder Activated Carbon

Iodine value	800-1100mg/g	Methylene blue Value	120-240mg/g
Molasses	225%	Density	0.32-0.45 g/cm ³
PH	5-7	Size	320mesh 90% min
Moisture	5% max	Ash	3% max
Iron	80ppm	Water soluble	3% max
Cadmium	10ppm	Heavy metal	15ppm

Physical Method Powder Activated Carbon

Iodine value	900-1000mg/g	Methylene blue Value	120-160mg/g
Molasses	80-120%	Density	0.32-0.45 g/cm ³
PH	5-7	Size	200mesh 90% min
Moisture	5% max	Ash	3% max
Iron	80ppm	Water soluble	3% max
Cadmium	10ppm	Heavy metal	15ppm

Anthracite Coal Filter Media



Product Feature:

High mechanical strength; Stable chemical property; Strong retaining powder; Long working period; High removing rate, like 99%.

Product Application

Industrial or chemical waste water treatment;
Used in water purification in double layers;
For waste water treatment in power plant boiler;
Gap water purifying.

Size (mm)	0.5-1, 1-2, 2-4, 4-6, 6-8mm;	
Main Index	Fixed carbon (%)	65-85
	Solubility in Hydrochloric acid (%)	3.5
	VM. (%)	2-4
	Bulk density (ton/m ³)	0.85
	Moisture (%)	≤3
	Ash content (%)	<3

Packaging Detail

25kg or 50kg per bag; Jumbo bag, like 1 ton;
Special packing requirements is acceptable.

Fiber Balls



Introduction

The polyester fiber ball is a revolutionary filtration media can completely replace the quartz sand and cartridge filter cassettes in the market. It's easy to use, compatible with all sand filters on the market, 700gr of material can replace 25kg of quartz sand, extremely energy saving and economical. Widely used in swimming pool, aquarium, koi pond, jacuzzis filtration media.

Fiber ball filter media is widely used in drinking water treatment, industrial water treatment, circulating water treatment, cooling water treatment, sewage treatment water treatment.

Packing	700g/box	Filling density	100 kg/ m ³
Filtration speed	20-85m/h	Cut the dirt ability	6-10kg/ m ³
Surface	3000m ² / m ³	Porosity	96%
Ball diameter	40mm,50mm	Ball appearance	White oblong-elliptic

Technical Data:

Item	Test data	Item	Test data
Processing capacity	8-201m ³ /h	Gas flushing strength	3m ³ /min. m ²
Filtering velocity	20-50m/h	Water flushing strength	0.6m ³ min. m ²
Head loos	3-10mm	Flush water time	10-20min
Work cycle	8-24h	Flush water consumption	3%

Suspended matter removal rate	85%-96%	Sewage interception capacity	5-26kg/m3
Coarse filter	Inlet SS<100mg/L, effluent SS<5-10mg/L, particle 10 μm removal rate>95%		
Fine filter	Inlet SS<20mg/L, effluent SS<2mg/L, particle 5 μm removal rate>96%		

Product Advantage:

- Strong dirt absorption, long service life, excellent filtration effect,
- Lightweight, non-toxic, stable, no clogging, washable in the washing machine, reuseable in few years
- 700gr of fiber balls can replace 25kg quartz sand, more energy saving and economical, no more dirt and sand in the pool;
- Easy operation, high filter accuracy of fine impurities in the swimming pools, aquariums, fish tank, filter pumps, filter sand and other media.

Packing: 500gr/carton, 700gr/carton, 20kg/bag or customized

Polyacrylamide

Anionic PAM		Cationic PAM	
Item	DATE	Item	DATE
Soild content%	≥88-90	Solid content %	≥88-90
Molecular weight	300-2500	Molecular weight M	500-1800
Single residual content%	≤0.1	Ionic degrees M	5-80
Water insoluble matter%	≤0.02	Single residual content%	≤0.1
Hydrolyzed	10-35%	Water insoluble matter%	<0.2
Water soluble time h	<1	Water soluble time h	≤1

CPAM Application:

1. Sludge dehydrating agent for waste water treatment plant
2. Papermaking aid for paper mill
3. Sewage and organic waste water plant, include brewery, beverage factory, sugar factory and textile mill etc
4. Tap water factory which choose river water to produce running water.

APAM Application:

1. Industry waste water treatment: steel plant, coal-washing plant and metallurgy factory etc
2. Drinking water factory
3. Papermaking aid for paper mill

Package:

1. In two-layer bag with the interior in plastic and the exterior in paper;PE bag
 2. 25kg/bag, 1000kg/pallet, 40bags/pallet
- Storing time: Powder around 2 years; Solution around 1-3 days

Poly Aluminum Chloride(PAC)

PAC is an inorganic polymer coagulant, due to polymerization of bridging hydroxyl ions and multivalent anions generated large molecular weight, the higher the charge of inorganic polymer water treatment chemicals.

PAC Performance:

- 1, purified water is better than aluminum sulfate coagulant, water costs compared to 15-30% lower.
- 2, floc formation quick settlement rate, greater than aluminum sulfate and other traditional products processing capabilities.
- 3, the consumption of water alkalinity less than a variety of inorganic coagulant, thus less time to cast vote alkaline agent.
- 4, to adapt to the source of water can be condensed PH5.0-9.0 range.
- 5, corrosive, good operating conditions.
- 6, the solubility is better than aluminum sulfate.
- 7, handle less water salinity increases, the system is conducive to high-purity water treatment and ion exchange.
- 8, the source water temperature adaptability than aluminum sulfate and other inorganic coagulant.

Item	Grade	
	Drinking water (A grade)	Non-potable water (B grade)
AL ₂ O ₃	≥28-31	≥27-29
Basicity%	50-95	60-100
PH 值	3.5-5	3.5-5
Water-insoluble	≤0.5-1.5	≤1.5-3
铅 Pb	PPm≤3	
砷 As	PPm≤0.5	
铁 Fe	PPm≤0.3	
汞 Hg	PPm≤0.2	

Polymeric aluminum can sterilization, deodorization, bleaching, fluoride, aluminum, chromium, phenol, oil, turbidity, in addition to heavy metal salts, with the exception of radioactive contaminants, for the purification of water with a wide variety of uses.

- 1, water treatment: domestic water, industrial water;
- 2, urban sewage treatment;
- 3, industrial waste, sewage, sludge and sewage treatment in certain slag recycling;
- 4, for some industrial wastewater treatment is difficult to PAC for the mother, mixed with other agents, the deployment of a composite PAC, sewage can get a surprise effect.

Poly Ferric Sulfate(PFS)

Water treatment- Poly Ferric Sulfate(PFS)	
Items	Specifications
Ferric Sulfate %	19-22
Iron(Fe) %	>18-19
Fe ²⁺ %	<0.5%
PH(1% water solution)	2-3
Insoluble substances %	<0.3-0.5
Basicity %	8-16

Characteristics

Poly Ferric Sulfate (PFS) is a complex ferric material. The molecular formula is the $[\text{Fe}_2(\text{OH})_n(\text{SO}_4)_{3-n/2}]_m$, $n > 2$; $m=f(n)$. There are a lot of complex ferrous ion ($[\text{Fe}_2(\text{OH})_3]^{3+}$, $[\text{Fe}(\text{H}_2\text{O})_6]^{3+}$, $[\text{Fe}_3(\text{OH})_3]^{6+}$) in its water solution. So it is good agglomerate which has easy formation flocculate and have a good coagulation. Its chemical structure is a solid network polymer which has a multinuclear complex ion. The easier hydrolysis in water and the highly efficient multinuclear hydroxyl complex negative ion have been produced during hydrolysis. In the process of a water treatment, Polymer ferrous sulfate has a good ability to neutralize surface electric charge of suspended substances, and linking suspended particle.

Uses

1. Water purification agent.
2. Industry waste water treatment (such as the paper making waste water, the printing waste water, the massacer waste water, the automobile manufacturing waste water, the beer factory waste water and so on.),
3. Many kinds of industry circulating water treatment (ex, the blast-furnace gas washing water, the make-up water of the high pressure boiler in the heat and power plant, the industry waste water in biochemical treating factory, the waste emulsifying solution, the opalescent solution and the oil waste water.
4. This product is used in environmental protection, industrial wastewater treatment, use and water plant roughly the same, high color, high COD, BOD raw water treatment, supplemented by additives effect is very good.

Package and storage

Solid form: To put it in the canvas bag with nontoxic polyethylene bags. Net Weight: 25 kg/bag. Guarantee period: one year.

Liquid form: Transported by tank vehicle or general truck loading by means of plastic barrels. Therefore, corrosion resistant container is a must. Guarantee period : six months.

Quartz Sand

Description:

Quartz sand is the quartz writing processing of quartz grain, quartz is a kind of non-metallic minerals, is a hard, wear-resisting, stable chemical properties of silicate minerals, the main mineral composition is SiO₂, quartz sand color for the milky white or colorless translucent, mohs hardness 7, quartz sand is important industrial mineral raw materials, the hazardous chemicals, widely used in glass, foundry, ceramic and refractory materials, smelting ferrosilicon, metallurgical flux, metallurgy, construction, chemical, plastic and so on .

Specifications:

Grain size:0.5-1,1-2,2-4,4-6,6-8mm;F10-F320

SiO ₂	99.6% min	Color	White
Fe ₂ O ₃	0.025-0.03	Grain Share	Semi Round Angular
Al ₂ O ₃	0.015-0.3	Bulk Density	1400-1570 kg/cm ³
TiO ₂	0.025	Specific Gravity	2.2-2.5
Cr ₂ O ₃	0.002	Turbidity	<100
Moisture	0.4	Hardness	7 moh

Application:

high quality silicon sand

natural silicon sand

huge reserve of silicon in China

Low Iron Content of silica sand .

used in float glass Painting,ceramics

The silica sand can be used for :sand mold casting, glass industry, rust removal, pool water filtration, bridge concrete, surface coating, golf course sand / grass filler sand.

Package details

1. 50 kg plastic woven bag with liner
2. 1 MT jumbo bag with double layer
3. It can be customized.
4. Storage and transportation Note: Keep dry

Zeolite



Product Feature

High mechanical strength; Stable chemical property; Long working period; Strong ion-exchange capacity; Large specific area.

Product Application

Used in **boiler water conditioning**, adsorbe Ca and Mg Ion, reduce scale;

Water treatment to reduce scale formation;

Drinking water treatment;

Size (mm)	0.5-1, 1-2, 2-4, 4-6, 6-8, 8-10mm etc	
Main Index	SiO ₂ (%)	65-70
	Fe ₂ O ₃ (%)	1-1.8
	Al ₂ O ₃ (%)	13-14
	Porosity (%)	2.2
	Moi. (%)	1.8

Packaging Detail

25kg or 50kg per bag; Jumbo bag, like 1 ton;

Maifan Stone Filter Media



Product Feature

Complicated Pore Structure; High biological activity; Stable dissolve performance;
Good ability of adsorption and decomposition

Product Application

Can change PH for water

Water purification, adsorb heavy metal ion

Aquaculture

Size (mm)	0.5-1, 1-2, 2-4, 4-6,6-8mm; 80-120,120-150,180-200mesh	
Main Index	Al ₂ O ₃ (%)	15.4
	SiO ₂ (%)	68-70
	Fe ₂ O ₃ (%)	3.1
	Bulk density (ton/m ³)	1.6
	CaO(%)	2.6
	K ₂ O(%)	4.2
	Porosity(%)	>50

Packaging Detail

25kg or 50kg per bag; Jumbo bag, like 1 ton;

Sponge Iron



Product Feature

High re-activity; Large specific surface area;

Easy to remove Fe(OH)₃ from water.

sponge iron using high quality ore, the reduction reaction by using the principle of oxidation, through the filter type except Lake way to exclude, pipelines, boilers and circulating water corrosion of dissolved oxygen is processed by water water dissolved oxygen content can reach below 0.05mg/L. Has the backwashing frequency is low, high compressive strength, no powder, no hardening, high activity, high specific surface area, the advantages of regenerative effect.

Size	0.5-1, 1-2, 2-4, 4-6, 6-8mmetc	
Main Index	Activated Iron(%)	98
	S (%)	0.3
	Bulk density (g/cm ³)	2.2
	Gravity (g/cm ³)	4.53
	Compressive Strength. (N/T)	1500

Application

Help boiler to anti-corrosion;

Used in oil water field;

Used in steel-making.

Packaging

25kg or 50kg per bag; Jumbo bag, like 1 ton;

Special packing requirements is acceptable.

Manganese sand



Product Feature

High mechanical strength; Stable chemical property; Long working period;

Product Application

Used to remove Fe & Mn from water;

Deal with industrial waste water;

Drinking water treatment;

used as alloy additives and deoxidizer in steel-making.

Size (mm)	0.5-1, 1-2, 2-4, 4-6, 6-8, 8-10MM	
Main Index	MnO ₂ (%)	15-45
	SiO ₂ (%)	17-20
	Fe ₂ O ₃ (%)	20
	Bulk density (g/cm ³)	2.2
	Raw material	Natural manganese

Packaging Detail

25kg or 50kg per bag; Jumbo bag, like 1 ton;

Special packing requirements is acceptable.

Pebble stone/Gravel

Gravel filter media are known as supporting layer filter medias.

The specifications as below:

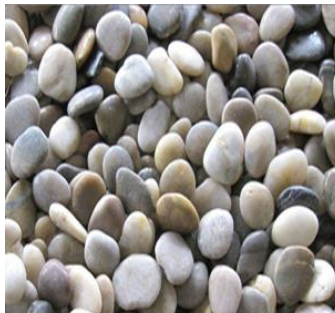
Density: 2.66 g/cm³ Bulk density: 1.85 g/cm³

SiO₂: >98% Hardness: 7.5

Pebble size: 2-4, 4-8, 6-8, 8-16, 16-32mm; 3-5, 5-8, 8-10cm etc

Gravel size: 1-2, 2-4, 4-6, 6-8mm

Application: water treatment plant as supporting layer filter medias



Packaging Detail

50kg per bag; Jumbo bag, like 1 ton;

Packaging and Delivery details:

