ABOUT VIDAR WATER

Vidar Water Industrial is a professional supplier of water treatment chemicals in China, We provide our customers both traditional and innovative products to ensure optimum control in a wide variety of applications, which including treatment of drinking water, waste water,industrial water.We are trying our best to be the professional manufacturer and service supplier to reduce your treatment cost.

Our core products are coagulants and flocculants for water treatment, and polymer for oil/gas drilling and EOR (enhanced oil recovery).

E-Business model and operation is core value of Vidar Water, quick feedback,high efficiency,low operation cost,it is easy to establish cooperation relationship with partners all over the world.In the past 15 years,we sold more than 400000 tons our products to around 80 countries and regions.

Now, we are the top manufacturer of PAC (poly aluminium chloride) in the China.

We build and invested 5 modern chemical palnts in the past 10 years:

a). 2004,Vidar Water Plant in Jiaozuo:leading and professional producer of Poly aluminium chloride, Poly ferric sulphate.

b). 2008,Vidar Water Plant in Zhengzhou (Gongyi city): Producing Polyacrylamide powder and emulsion with all grade.

c). 2011,Vidar Water Plant in Qufu: Producing Sodium Hexametaphosphate (SHMP), Trisodium Phosphate (TSP).

d). 2013, Vidar Water Plant in Dezhou: Producing Calcium Hypochlorite Sodium process 70% for water treatment.

e). 2015, Vidar Water Plant in Qinhuangdao: Producing Aluminium Sulphate for water treatment.

We have professional technical teams to support our products innovation and quality control.

Welcome to visit our plants, and have win-win cooperation together !

Vidar Water, Green life !

产品目录 / CATALOG

Polyaluminium Chloride (PAC) / ACH (aluminium chlorohydrate)

【DESCRIPTION】

Synonyms: PAC; Aluminum chlorohydrate; Aluminum chlorhydroxide; Aluminum chloride basic; Aluminum hydroxychloride; Poly Aluminum Chloride; Polyaluminum Chloride

Molecular formula: AIn(OH)mCl3n-m (0 < m <3n)

Polyaluminium chloride (PAC) is a new type high efficiency inorganic polymer coagulant, adopting advanced manufacturing technique and quality raw material, show the features of low impurity, high molecula weight, and superior coagulating effect.

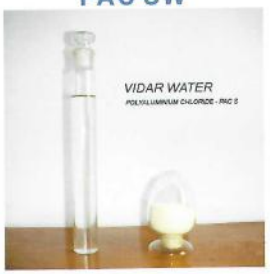
Item / Type	Vidar PAC Series				
	Appearance	Purity	Fe content	Insoluble matter	Process
PAC -SW	White powder	30%min	0.001max.	0.1%max	Spray dry
PAC -V1	Light yellow powder	30%min	0.2max	0.1%max	Spray dry
PAC-V2	Light Yellow powder	30%min	1.0max	0.1%max	Spray dry
PAC -V3	Yellow powder	28%-30%	2.0max	1.5%max	Spray dry
PAC-R	Dark yellow powder	28%	2.5	1.5%max	Roller dry

【Package and Storage】

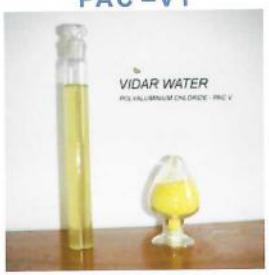
Package in 25kg P. P wovn bage or paper-plastic bags with PE lined, or as per buyer's instructions. In storage and transportation, pay attention to heatproof and moisture proof. The powdery. Product will be damped to be caked and will be poor in solubility if exposure to air for long time.

The stacking layers shouldn't be more than 20 layers. Shelf life is two years

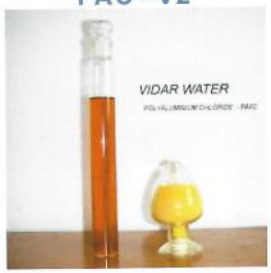
PAC SW



PAC –V1



PAC –V2



【Application】

PAC is a kind of inorganic macromolecule flocculant. Through the hydroxyl ion bridging function and the polyvalent anion polymeric function, it produces large molecular and high electricity inorganic macromolecule. It adapts a wide PH range of 5.0~9.0, and the best is between 6.5~7.6.

1) Purification of river water, lake water and underground water
2) Purification of industry water and industry recycling water.
3) Purification of waster water
4) Reclaiming coal from coal-washing waste water and kaolin in ceramic industry
5) Purification of the waste water in printing and dyeing industry, leather industry, brewage industry, meat-processing industry, coal-washing, metallurgy industry, mine, pharmacy, paper-making, and purification of the waste water containing fluorine, oil and heavy metals
6) Paper-making glue

Polyacrylamide (PAM) / Polyelectrolyte Powder

【DESCRIPTION】

Polyacrylamide is, simply called PAM, a water-soluble high polymer and widely used in petroleum, paper-making, metallurgical, textile, chemical and environment protection fields. There are three categories of anionic, cationic and non-ionic type.

It is insoluble in most of the organic solvents. It gene rates a good flocculation and can decrease the resistance between liquids. The amide group with many substance af finity adsorption ,formation of hydrogen bonds forms bridg ing between the adsorbed ions in generating floc and acce lIration fallout.

【SPECIFICATION】

Anion PAM:

Type	Usage	Molecular weight (ten thousand)		Appearance
PAM-A01	Water treatment	1800	(high)	White granule
PAM-A02	Water treatment	1200	(medium)	White granule
PAM-A03	Water treatment	600	(low)	White granule
PAM-A04	Oil field	1800-2200	(high)	White granule

Cation PAM:

Type	Usage	Ion Degree	Appearance
PAM-C01	Dewater Biological/Mix sludge	10	White granule
PAM-C02	Dewater Biological/Mix sludge	20	White granule
PAM-C03	Dewater Biological/Mix sludge	30	White granule
PAM-C04	Dewater Biological/Mix sludge	40	White granule
PAM-C05	Dewater Biological/Mix sludge	50	White granule
PAM-C06	Dewater Biological/Mix sludge	60	White granule

Nonionic PAM:

Type	Usage	Molecular weight (ten thousand)	Appearance
PAM-N01	Sewage treatment	800-1200	White granule

【Application Fields】

★Raw Water Treatment:
-Flocculation
-Clarification
-Dewatering sludge,recovery of water

★Industrial Waste Water Treatment
-Primary clarification
-Secondary&Tertiary treatment
-Sludge thickening &dewatering
-Color removal
-Dissolved air floations

★Sewage Treatment
-Primary treatment
-Sludge thickening & dewatering

★Process Industrial:
-Sugar and Juice Industry: Clarification &Mud settling
-Paper Making: Retention agent, Strengthening agent, redident agent, Dispersing agent and Water recovery
-Textile industrial
-Chlor-alkali: Brine clarification
-Thermal powder:Clarification of scrubber water
-Mining & Metallurgy: Tailings thickening, water recovery
-Coal: Tailings Thickening and water recovery
-Constructions: Soil stabilization, concrete making

★Petroleum and Gas Field
-Drilling fluids,EOR,Fluid loss control, lubrication, shale stabilization

【Package and Storage】

Package in 15kg,25kg paper bags or paper-plastic bags with PE lined, or as per buyer's instructions. In storage and transportation, pay attention to heatproof and moisture proof. The powdery. Product will be damped to be caked and will be poor in solubility if exposure to air for long time.

The stacking layers shouldn't be more than 2 layers. Shelf life is two years.

Aluminium Sulphate (Alum) 16%/17% Ironless

【DESCRIPTION】

Product name: Aluminium Sulphate or Aluminum Sulfate

Shape: Flakes or Granular or Powder.

EINECS NO.:233-135-0 CAS No.: 10043-01-3 Molecular Formula: Al2(SO4)3

Appearance:It is white or grey flake,particle or massive crystallization.

Apt to cake after moisture absorption when laid in air for a long time.A little green because of Fe2+ ,yellow when Fe2+ is oxided to Fe3+.Soluble in water easily,and water solution is acid.

【SPECIFICATION】

Standard: HG/T 2225-2001 and HG/T 2227-2004

Items	Specifications			
	I Type:Low Ferrous/Low Iron		II Type:Non-Ferrous/Iron-free	
	First Class	Qualified	First Class	Qualified
Al2O3 % ≥	15.8	15.6	17	16
Ferrous(Fe)% ≤	0.5	0.7	0.005	0.01
Water Insolube % ≤	0.1	0.15	0.1	0.15
PH (1% aqueous solution) ≥	3	3	3	3
Arsenic(As) %≤			0.0005	0.0005
Heavy metal (Pb) %≤			0.002	0.002

【APPLICATION】

Water effluent treatment system: It's used for purification of drinking water and wastewater treatment by settling of impurities by means of precipitation and flocculation.

Paper Industry: It helps in sizing of paper at neutral and alkaline pH, thus improving paper quality (reducing spots and holes and improving sheet formation and strength) and sizing efficiency.

Textile Industry: It is used for color fixing in Naphthol based dyes for cotton fabric.

Other Uses: Leather tanning, lubricating compositions, fire retardants; decolorizing agent in petroleum, deodorizer; food additive; firming agent; dyeing mordant; foaming agent in fir efighting foams; fireproofing cloth; catalyst; pH control; waterproofing concrete; aluminum compounds, zeolites etc.

【Package】

Packaging Detail: PP/PE 50kg/bag;25kg/bag;Jumbo bag or according to customers' requirements.

20-25MT will be loaded in per 20'FCL container.

【Attention and Storage】

The product is liable to absorb moisture and clot due to long-term exposure, so shady, cool and ventilated environment is needed.