



APAM(Anionic polyacrylamide)

Introduction

Anionic polyacrylamide (APAM) is a water-soluble macromolecule polymer, which is copolymerized by acrylamide and acrylic acid. Because its molecular chain contains a certain number of polar groups, it can bridge particles in water by adsorbing suspended solid particles, or coagulate particles to form large flocculants by neutralizing charges, so it can accelerate the settling of particles in suspension. It is often obvious to accelerate the clarification of solution and promote the effect of filtration.



Packaging

The product package is 25KG/bag, can be customized according to customer's needs. Dry powder products can absorb moisture and agglomerate when exposed for a long time. It should be stored in a cool, ventilated and dry place, effective storage period is 2 years.

Hot Tags: anionic polyacrylamide, China, manufacturers, suppliers, factory

Technical parameter

appearance	Solid content(%)	Molecular weight(million)	Degree of hydrolysis(%)
White granular powder	≥88.5	16-20	7-18
Water insoluble(%)	Dissolution rate(min)	Residual monomer(%)	PH
≤0.2	40	≤0.5	5-14

Polyacrylamide products are widely used in various fields all over the world, up to hundreds of series. According to the unique characteristics of production process and advanced equipment, it is mainly used for flocculation and sedimentation of various industrial wastewater, sedimentation and clarification treatment, such as steel plant wastewater, electroplating plant wastewater, metallurgical wastewater, coal washing wastewater, sludge dewatering, etc. It can also be used to clarify and purify drinking water. Municipal sewage, chemical sewage, sand washing and mineral processing, coal washing, paper making, perfume making, printing and dyeing, oil field piling and other fields have unique product advantages. It has fast flocculation and sedimentation speed, low water content of mud, and greatly saves the cost and efficiency of sewage treatment.



Municipal wastewater



Petroleum wastewater



Food wastewater



Pharmaceutical wastewater



Leather Industry wastewater



Thickener



Alcohol wastewater



Chemical wastewater



Mineral processing wastewater



dyeing wastewater



Papermaking wastewater



Coal washing wastewater