

Technical Data Sheet

Alchem Soil Zb

I.Introduce

This product is a copolymer of acrylamide monomer and polymerization based polyelectrolyte is a water-soluble linear polymers. At present, the company's products are divided into two major categories of homo- and copolymers, in order to meet the needs of different markets.

II.Application

1.coal washing, ceramics, steel mills and other industrial water and wastewater treatment; 2. drinking water treatment; 3. alcohol plant starch plant and the loss of starch and stillage recycling; 4. paper additives; 5 EOR flooding oil ;6. profile control water shutoff agent; 7. incense adhesive 8.Agriculture 9.Other application areas.

III.Specifications

Items	Anionic Polyacrylamide	Specifications	Results
Characteristics	Appearance	White Powder	White Powder
	Filter Ratio	≤2	1.5
	Toxicity	Non-toxic	Non-toxic
Solid Content		≥90%	91.3%
Molecular Weight (million)		16-19	17.3
Insoluble Deposit		≤0.2%	0.13%
Degree Of Hydrolysis(%)		23-27	24.6
Brookfield viscosity (cps):			
	@5.0g/l	1750-1850	1800
	@2.5g/l	650-750	728
	@1.0g/l	250-350	320
Dissolve Time(minute)		≤90	60
Residue Monomer(%)		≤0.05	≤0.05
Package		25kg kraft bags.	
Storage		The product shall be sealed and stored in the dry and ventilated place to prevent from rain, high temperature and strong sunlight.	

IV. Dissolution

Dissolved water: It is recommended to use PH neutral, low hardness, dissolved in water, the use of groundwater and dissolved inorganic or excessive metal ions dissolved in water easily degraded performance.

Dissolving time: 1 hour dry classification product was dissolved after use can play the best performance (recommended nonionic and cationic dry product was dissolved more than one hour).

Dissolved concentration: anionic, non-ionic product was dissolved concentration of 0.1% (0.05% -0.3% feasible).

Flocculant dissolution conditions of use on aluminum chloride process more special, to be on-site technical guidance.

Operation should be dissolved in the plastic, ceramic, stainless steel and other materials of equipment carried, stirring speed should not be too large. Avoid using high shear rotor centrifugal pump, we recommend using a low shear pump screw pump drug delivery.

V.Polyacrylamide use and storage Precautions

- This product is non-toxic, pay attention to moisture, rain, heat and prevent exposure during storage and transportation

- The product storage temperature: 5 ℃ -30 ℃, water soluble, moisture and lumping proposal in a dry place.

Proposals in the original packaging dry goods within a one-year shelf life of two years.

- preparation of a good dilute solution should not go far, that is the best match that is used, more than 24 hours after the viscosity of the product will decline and affect the results.

VI. Package: 25kgs/bag,or according to clients requirement.