

Anionic Polyacrylamide (PAM)

GRADE ZJ-PAM-A

FLOCCULANT

HS 3906.90

High molecular weight anionic flocculant for coal washing, mineral processing, metallurgy and municipal sludge thickening.

PRODUCT DESCRIPTION

A water-soluble acrylic polymer that bridges dispersed particles into large, dense flocs through adsorption and charge neutralisation. Molecular weight and degree of hydrolysis are tailored to the feed water, so dosing stays low while settling rate and overflow clarity improve.

KEY FEATURES

- Molecular weight 6-22 million, adjustable to the water quality
- Dissolves in 30-60 minutes with no fisheyes in proper make-up water
- Low dosage, large and dense flocs, fast settling
- No secondary pollution at recommended dosage

TYPICAL PROPERTIES

Appearance	White granular powder
Solid content	≥ 90%
Molecular weight	8-20 million
Hydrolysis degree	20-30%
Dissolution time	≤ 60 min
Residual monomer	≤ 0.05%

APPLICATIONS

Coal washing and tailings water, mineral processing, metallurgical wastewater, municipal sludge thickening and dewatering, paper and textile effluent.

PACKAGING

25 kg PP woven bag with PE liner; 750 kg jumbo bag; 20-22 MT per 20 ft container

STORAGE & SHELF LIFE

Powder 24 months, liquid 12 months in unopened original packing. Store below 35 °C, dry, away from sunlight.