

Cationic Polyacrylamide (CPAM)

GRADE ZJ-PAM-C

FLOCCULANT

HS 3906.90

Cationic flocculant for organic sludge dewatering, with charge density from 10% to 60% and low cake moisture.

PRODUCT DESCRIPTION

A cationic acrylic polymer engineered for negatively charged organic sludge. Cationic groups neutralise the colloid charge while long polymer chains build a shear-resistant floc that holds up on belt presses, decanter centrifuges, filter presses and screw presses.

KEY FEATURES

- Charge density 10-60%, matched to the sludge type
- Shear-resistant flocs reduce solids carry-over
- Cake moisture below 60% in typical municipal sludge
- Works on belt, centrifuge, plate-frame and screw press dewatering

TYPICAL PROPERTIES

Appearance	White granular powder
Solid content	≥ 90%
Charge density	10-60%
Molecular weight	6-12 million
Dissolution time	≤ 60 min
Residual monomer	≤ 0.05%

APPLICATIONS

Municipal sludge dewatering, paper mill sludge and white water recovery, textile and food processing effluent, chemical sludge reduction.

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.