

### Product description

**NewChem-A10** is an anionic polyacrylamide, typically a copolymer of acrylamide and sodium acrylate. It is supplied as a Medium molecular weight, free-flowing white granular powder.

### Specification

Property	Value
Appearance	White powder
Degree of Charge	Medium-High
Molecular Weight	Medium
Solid content %	≥ 88% (Typical)
Bulk Density (kg/m <sup>3</sup> )	600 – 800
pH (0.5% @ 25°C)	6 – 9
Insoluble (w/w %)	< 0.5%
Mesh Size (20-80 mesh)	>90%
Residual Acrylamide	≤ 1000 ppm (Typical)
Viscosity (cps @ 25°C)	
0.10% Solution	< 370 cps
0.25% Solution	< 1150 cps
0.50% Solution	< 4850 cps
CAS No.	9003-05-8 (Generic PAM)

### Application and uses

**NewChem-A10** is designed for use in a variety of industrial and environmental applications, including but not limited to:

- Water treatment (coagulant aid, flocculant).
- Industrial process water treatment.
- Mining and mineral processing.
- Papermaking (retention/drainage aid, though less common than cationic for this specific role).



### Benefits

- Effective flocculant and dispersant.
- Medium-High degree of charge (anionicity).
- Medium molecular weight for specific applications.
- Performs well in a pH range of 6-9.
- Easily soluble in water.

### Application instruction

Add slowly to water with good agitation; avoid lumps.  
Typical concentration: 0.1% to 0.5%. Stock up to 1.0%.  
Mix 30-60 minutes for full hydration.  
Use clean water; quality can affect performance.  
Use solutions within 24-48 hours for best results.

### Storage

- Store in unopened package in a dry atmosphere.
- Temperature no higher than 40°C.
- Shelf Life: 24 months as stored.

### Packaging

Standard: 25 kg net moisture-resistant bags.  
Other sizes may be available upon request of customers.

