



# ATO SUPERFLOC

## DRY POLYACRYLAMIDE (PAM), CATIONIC

### DESCRIPTION

**ATO SUPERFLOC** is a highly effective cationic flocculants of very high molecular weight. They condition solids for dewatering operations and aid water clarification processes in various industries. **ATO SUPERFLOC** show exceptional performance in liquid-solid separations in a wide range of shear conditions. The chemistry range available with controlled molecular weight distributions and varying charge densities ensures there is a product suitable for each individual application.

### APPLICATIONS

These products may be beneficial in any liquid-solid separation process. They are especially recommended for:

- Belt filter, centrifuge and screw press dewatering
- Dissolved air floatation
- Filtration
- Thickening
- Water clarification

### BENEFITS

- Dry product minimizes storage requirements
- Economical to use - effective at low dosage levels
- Effective high solids removal
- Effective over a wide pH range; does not alter the system pH
- Improves production and cake solids

### PRODUCT ADDITION

Stock solutions can be prepared up to 0.5 % concentration via an automated make down unit or on a batch basis. Solutions should be aged 30-60 minutes for maximum effectiveness. High quality make up water should be used. Secondary dilution water should be added to the stock solution prior to the addition point at a ratio of at least 10:1.

Centrifugal pumps should be avoided for polymer transfer. This flocculant is delivered in 1000 kg moisture-resistant bags.