



### Flocculant C26 Flocculation Agent

Polyacrylamide, Flocculant, Flocculating Agent, Polymer flocculant, PAM Manufacture Polyacrylamide called PAM, commonly known as flocculants or cohesion agent, product appearance is white powder, soluble in water. Suspension of mud from the flocculation and sedimentation and separation of mud, with low, low-cost water system, is flocculant other products cannot be replacing.

**Characteristics:** Polyacrylamide C26 is a linear polymer, soluble in water, it's almost transparent solution of the viscous liquid, non-dangerous, non-toxic, non-corrosive. C26 has solid hygroscopicity, flocculation, adhesion, drop resistance, thickening, while good stability.

#### Application

Polyacrylamide is a strong flocculant which is applied in:

- Belt Filter, centrifuge and screw press dewatering
- All kind of industrial wastewater treatment
- Urban sewage treatment
- Mineral dressing
- Petrochemical
- Dyeing
- Dissolve air flotation (DAF)
- Filtration
- Thickening
- Paper making
- Coal washing
- Metallurgical

#### Storage and Handling

Recommended materials to storage C26 are double thickness bags.

C26 is stable between 5 to 35 °C, away from direct sunlight and moisture.

PHYSICAL PROPERTIES	
Physical state	Solid
Appearance	Colorless or white granular powder
Odour	None
molecular weight	High
Color	white
Particle size	20-80 mesh
Charge	cationic
Degree of hydrolysis	Low
Residual monomers	< 0.05%
Solubility in water	Soluble
Insoluble component	< 0.2%

#### Packaging & Shelf Life

Powder of C26 is packed in 25kg double thickness bags. Concentrated solution of C26 is shipped in polymer (plastic) containers (100-150 and 200 lit.).

**Shelf life:** The shelf life of these products is 24 months when stored in unopened packages in a dry atmosphere at temperature no higher than 40 °C.

#### Safety

C26 will not result in health damage and if comes into contact with eyes, it may cause moderate eye irritation.

**Inhalation:** Large quantity of dust inhalation may cause irritation to lung.

**Ingestion:** Consult a physician if possible. Do not induce vomiting except directed by a physician.

**Skin Contact:** Non-irritating to slightly irritating to skin.

**Eye Contact:** May result in moderate mechanical irritation by palpable powder or granular forms. Dust may cause stinging eyes. In case of contact, flush eyes with plenty of water or amphoteric eye solution for at least 15 minutes. Get medical advice if irritation develops.