



ASHAION® FL 434 CM

High-Performance Cationic Flocculant
For Sludge Dewatering & Secondary Clarification

Product Overview

ASHAION FL 434 CM is a premium-grade cationic flocculant designed to optimize sludge dewatering and solid-liquid separation in municipal and industrial wastewater systems. Engineered for efficiency and reliability, it helps reduce sludge volume, improve filter press performance, and enhance water clarity.

Key Features

- Cationic Nature: Enhances binding with negatively charged sludge particles.
- Efficient Dewatering: Improves cake dryness and reduces sludge disposal costs.
- Fast Settling: Accelerates clarification and reduces processing time.
- Versatile Compatibility: Suitable for belt filter presses, centrifuges, and other dewatering equipment.
- Dust-Suppressed Granules: Low-dust formulation for safer handling.

Typical Applications

- Municipal STPs & ETPs
- Industrial wastewater clarification
- Sludge conditioning before dewatering
- Food, textile, paper, and chemical industries

Technical Specifications

Parameter	Value
Appearance	Off-white to beige granular powder
Ionic Charge	Cationic
Active Content	≥ 85%
Solubility	Completely soluble in water
Bulk Density	~0.65 g/cm ³
pH of 0.1% Solution	5–8
Packaging	25 kg moisture-resistant bags
Shelf Life	24 months in sealed packaging

Recommended Dosage

- Jar Testing Required: Actual dosage depends on sludge characteristics.
- Typical dosage range: 0.1–0.5% solution by weight

Handling & Storage

- Store in a cool, dry place.
- Avoid exposure to moisture and direct sunlight.
- Use PPE while handling to avoid dust inhalation or skin contact.

Why Choose ASHAION FL 434 CM?


- ✓ Consistent Performance
- ✓ Lower Operational Costs
- ✓ Faster Separation
- ✓ Local Availability
- ✓ Technical Support & Guidance

Available Packaging

- 25 kg moisture-protected PP bags
- Custom packaging available on request

Contact Us

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