



ASHAION® FL 435 CL

Cationic Flocculant for Small-Scale Clarification & Dewatering

Product Overview

ASHAION® FL 435 CL is a high-performance cationic flocculant designed for use in small to medium-scale wastewater treatment plants. Engineered with low molecular weight polymers, this product ensures rapid floc formation, superior sludge thickening, and enhanced secondary clarification performance.

Applications

- Effluent Treatment Plants (ETPs) – secondary clarification
- Sludge thickening and dewatering systems
- Industrial wastewater with moderate solids
- Pretreatment before biological or chemical treatment

Key Features & Benefits

- Rapid floc formation and settling
- Improved sludge handling and volume reduction
- Reduces turbidity and improves clarity
- Works effectively at low dosages
- Fully soluble and easy to apply
- Enhances efficiency of mechanical dewatering units

Typical Properties

Property	Value
Appearance	White to off-white powder
Ionic Nature	Cationic
Molecular Weight	Low
Active Content	80–90%
Solubility	Completely soluble in water
Bulk Density	~0.6–0.8 g/cm ³
pH (0.1% solution)	4.0–6.0

Packaging Options

- 25 kg HDPE-lined bags
- Custom packaging available on request

Storage & Shelf Life

- Store in a dry, cool, and ventilated area
- Avoid exposure to moisture and sunlight
- Shelf life: 24 months from the date of manufacture

Safety & Handling

- Use protective gear to avoid inhalation and contact
- Refer to MSDS for full safety guidelines
- Non-toxic and eco-safe when handled as per directions

Why Choose ASHAION® FL 435 CL?

With consistent quality, optimized performance, and reliable technical support from Asha Resins Limited, ASHAION® FL 435 CL is the ideal choice for compact and efficient water treatment operations across industries.

Contact Us

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