



ASHAION® PE 465 CL

Low Molecular Weight Cationic Polyelectrolyte

Efficient Solution for Compact ETPs & Mild Sludge Loads

Product Overview

ASHAION® PE 465 CL is a highly effective cationic polyelectrolyte formulated for use in small and medium effluent treatment systems. Engineered with a low molecular weight, it performs exceptionally well in applications with low to moderate sludge volumes. The product promotes rapid flocculation and sedimentation, offering operational efficiency for compact plants and decentralized water treatment units.

Key Benefits

- Rapid floc formation and settling
- Highly effective even at low dosages
- Ideal for mild and variable effluent loads
- Reduces turbidity and enhances sludge dewatering
- Excellent performance in compact clarifier setups
- Easy to dilute and integrate with automated dosing systems

Recommended Applications

- Compact Effluent Treatment Plants (ETPs)
- Primary and Secondary Clarifiers
- Sludge Dewatering Systems
- Decentralized Industrial Wastewater Units
- STPs with low solids content

Technical Specifications

Parameter	Value
Physical Appearance	White to off-white free-flowing powder
Ionic Nature	Cationic
Molecular Weight	Low
Moisture Content	≤ 10%
pH (0.5% Solution)	4.0 – 6.0
Solubility	Fully water soluble

Packaging Available

- 25 Kg HDPE-lined Kraft Paper Bags
- Custom packaging on request

Shelf Life & Storage


- Shelf Life: 24 months from manufacturing date
- Storage: Store in a cool, dry place away from moisture and direct sunlight. Seal tightly after use.

Why Choose ASHAION®?

Manufactured by Asha Resins Limited, a trusted name in water treatment chemicals for over two decades, ASHAION® PE 465 CL is part of a robust range of polyelectrolytes engineered for industrial and municipal use. With strong R&D backing and consistent quality control, ASHAION® products are the preferred choice of OEMs, consultants, and plant operators across India and abroad.

Contact Us

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