



PRODUCT BROCHURE / SALES SHEET

Product Name: ASHAION® PE 460 AH

Category: Anionic Polyelectrolyte Flocculant

Manufacturer: Asha Resins Limited

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PRODUCT OVERVIEW

ASHAION® PE 460 AH is a high-performance anionic polyelectrolyte specifically engineered for use in solid-liquid separation processes. Its high molecular weight and optimized anionic charge density enable rapid and effective floc formation, making it ideal for sludge dewatering, primary clarification, and industrial wastewater treatment.

KEY FEATURES & BENEFITS

- ✓ High molecular weight for strong and rapid floc formation
- ✓ Excellent settling characteristics in a wide range of effluents
- ✓ Improves sludge dewatering and reduces disposal volume
- ✓ Works effectively at low dosages – cost-efficient
- ✓ Suitable for both municipal and industrial treatment plants

TYPICAL APPLICATIONS

- - Sludge dewatering in ETP/STP systems
- - Primary and secondary clarification
- - Pulp & paper and sugar industries
- - Textile and dye wastewater treatment
- - Mining and ore processing wastewater

TECHNICAL SPECIFICATIONS

Parameter	Value
Appearance	White to Off-white Granules
Ionic Nature	Anionic
Molecular Weight	High
pH (1% Solution)	6.0 – 8.0
Bulk Density	0.6 – 0.8 g/cm ³
Moisture Content	≤ 10%
Solubility in Water	Fully Soluble

PACKAGING OPTIONS

- 25 kg HDPE-lined Kraft Paper Bags
- Custom packaging available on request

STORAGE & HANDLING

- - Store in a cool, dry, and well-ventilated area
- - Avoid exposure to direct sunlight and moisture
- - Handle with care using gloves and a dust mask

WHY ASHAION®?

Asha Resins Limited is a trusted Indian manufacturer of ion exchange resins and water treatment chemicals with a global footprint. Our PE-series polyelectrolytes are developed in our in-house R&D facility and tested to meet stringent industrial standards.