



TECHNICAL DATA SHEET

Product Name: ASHAION® PE 460 AH

Category: Polyelectrolyte (Anionic)

Product Description

ASHAION PE 460 AH is a high-performance anionic polyelectrolyte with high molecular weight, specifically engineered for efficient sludge dewatering, primary clarification, and solid-liquid separation in industrial and municipal wastewater treatment systems. It delivers excellent floc formation and settling characteristics even at low dosages.

Applications

- - Sludge dewatering in ETP and STP systems
- - Primary and secondary clarification
- - Industrial wastewater treatment
- - Mining and mineral processing
- - Paper & pulp industry clarification processes

Key Features & Benefits

- - High molecular weight for superior flocculation
- - Fast settling and efficient water clarity
- - Reduces sludge volume and disposal cost
- - Effective across a wide pH range
- - Low dosage requirement, highly economical

Typical Physical Properties

Property	Specification
Appearance	White to Off-white Granular Powder
Ionic Nature	Anionic
Bulk Density	0.6 – 0.8 g/cm ³
pH of 1% Solution	6.0 – 8.0
Moisture Content	≤ 10%

Molecular Weight

High

Solubility

Completely soluble in water

Handling & Storage

- - Store in a cool, dry, and well-ventilated area.
- - Keep packaging tightly sealed when not in use.
- - Avoid direct exposure to sunlight or moisture.
- - Use protective gear when handling to avoid dust inhalation.

Shelf Life

12 months from the date of manufacture under recommended storage conditions.

Packaging

10 kg / 25 kg HDPE-lined kraft paper bags or customized as per requirement.

Health & Safety

Refer to the Safety Data Sheet (SDS) before use. Avoid inhalation and contact with skin or eyes. In case of contact, rinse thoroughly with water and seek medical attention if irritation persists.

Manufacturer

Asha Resins Limited

Gat No. 227/2, Alandi Markal Road, Dhanore Village – 412105, Maharashtra, India

☎ +91-70282 00892 | ✉ sales@asharesins.com

🌐 www.asharesins.com