



ASHA Resins Limited

(Formerly known as Asha Resins Private Limited)

ASHAION A-95M

Anionic Polyelectrolyte Powder

DESCRIPTION:

Ashaion A-95M is a highly effective anionic polyelectrolyte powder with medium charge and high molecular weight, designed for use in a wide range of coagulation and flocculation applications. It is particularly useful for solid-liquid separation, water clarification, and effluent treatment in various industries such as textiles, paper, food processing, and municipal water treatment. Ashaion A-95M provides excellent floc formation, efficient suspended solids removal, and is ideal for applications where higher molecular weight is required for better performance.

SPECIFICATIONS:

Parameter	Details
Appearance	Off-white to pale beige powder
Charge	Medium
Molecular Weight	18-22 million
Solubility	Fully water-soluble
pH Range	5 - 9
Viscosity (1% Solution)	Varies depending on usage
Flash Point	Not applicable (non-flammable)

ADVANTAGES:

- 1. Medium Charge Polyelectrolyte:** Ideal for a wide range of coagulation and flocculation applications.
- 2. High Molecular Weight:** Ensures effective floc formation, faster settling, and improved solid-liquid separation.
- 3. Efficient Suspended Solids Removal:** Helps to clarify water by efficiently removing suspended particles.

Regd. Office: Gat No 227/2, Village Dhanore,
& Factory. Alandi-Markal Road, Tal. Khed
Dist. Pune - 412 105

CIN No: U99999MH1993PLC073569

Tel: 020-2638 2401

E-mail: office@asharesins.com

Website: www.asharesins.com

GSTIN: 27AABCA5790M1Z9



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- 4. Reduced Sludge Formation:** Lowers the volume of sludge produced and enhances dewatering.
- 5. Economical:** Effective at low dosages compared to traditional coagulants.
- 6. Versatile:** Suitable for use in municipal, industrial, and wastewater treatment applications.
- 7. Improved Filtration Efficiency:** Helps to enhance filtration and clarify water in various industrial processes.

APPLICATIONS:

- **Effluent Treatment:** Effective in treating wastewater from industries like textiles, paper, and food processing.
- **Water Clarification:** Used in municipal water treatment plants for solid-liquid separation and improving water quality.
- **Solid-Liquid Separation:** Commonly used in chemical, pharmaceutical, and other industrial processes where suspended solids need to be removed.
- **Dye and Pigment Industries:** Can assist in effluent treatment by removing color and suspended solids from industrial effluents.

DOSAGE:

- Typical dosage range: **1 - 10 ppm**, depending on the characteristics of the water or effluent and the required treatment performance.
- **Jar testing** is recommended to determine the optimum dosage for each application.

METHODS OF DOSING:

- **Laboratory:**
Prepare a 1% solution of Ashaion A-95M and perform jar testing to determine the optimal dosage for coagulation or flocculation.
- **Plant:**
A 0.1% to 1% solution is typically prepared and applied to the system using a metering pump. For better results, the solution may be diluted further before use. Multiple application points can improve performance.

HANDLING PRECAUTIONS:

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- **Dust Control:** Ashaion A-95M is a fine powder, so it is important to minimize airborne dust. Wear a dust mask and protective gloves while handling.
- **Eye and Skin Contact:** In case of contact with eyes or skin, rinse immediately with plenty of water.
- **Corrosive Properties:** Although not highly corrosive, it is recommended to handle with care to avoid prolonged skin exposure.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, such as gloves and safety goggles, when handling the product.

PACKAGING:

Ashaion A-95M is available in:

- **25 kg or 50 kg HDPE bags.**

STORAGE & SHELF LIFE:

- Store in a cool, dry place away from moisture and direct sunlight.
- Keep the product sealed in its original packaging to maintain its effectiveness.
- Shelf life: **12 months** from the date of manufacture.

MATERIAL HANDLING:

- Use proper material handling practices to avoid contamination and exposure.
- Ensure the product is stored in clean, dry areas to prevent moisture from affecting its performance.

DISCLAIMER:

The information provided in this document is based on reliable data; however, Asha Resins Pvt Ltd cannot guarantee specific results as conditions and methods of use are beyond our control. We recommend that users test the product for compatibility with their specific applications.

For additional information, samples, or Material Safety Data Sheets, please contact:

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