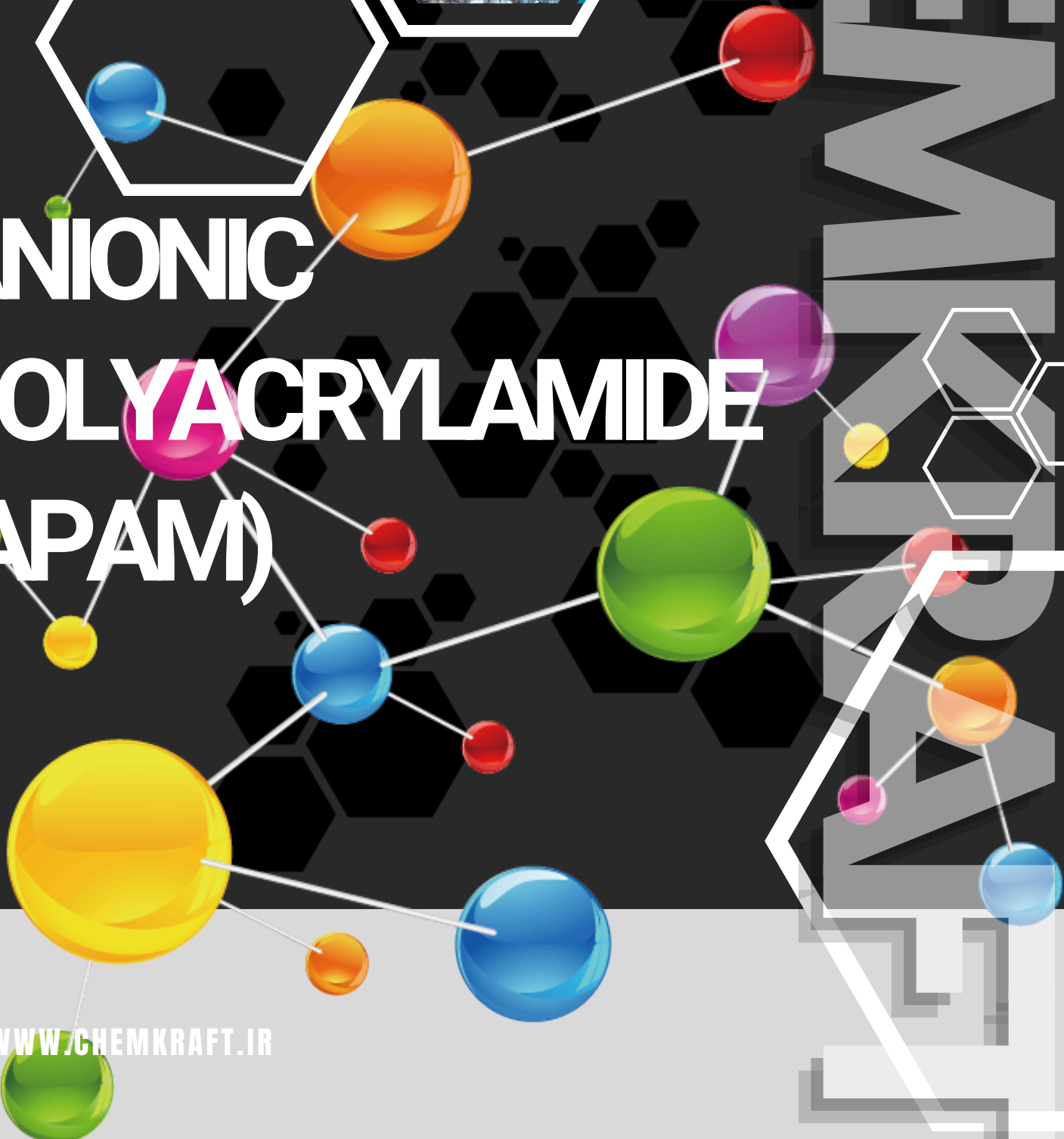




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ANIONIC POLYACRYLAMIDE (APAM)



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ANIONIC POLYACRYLAMIDE (APAM)

Nonionic Polyacrylamide (NPAM) - Powder

Nonionic Polyacrylamide (NPAM) is a versatile, water-soluble polymer with a neutral charge, specifically engineered for applications requiring low ionic content. Its unique properties make it suitable for a wide range of industrial, agricultural, and environmental applications.

Chemical Formula

The structure of NPAM is represented as:



Applications

NPAM is widely used across multiple industries due to its efficiency in facilitating processes and enhancing performance.

Key applications include:

- **Wastewater Treatment:** Ideal for neutral to acidic pH systems, NPAM excels in removing suspended solids and organic materials, contributing to cleaner water discharge and compliance with environmental regulations.
- **Mining:** NPAM enhances solid-liquid separation during mineral processing, improving the efficiency of processes such as tailings management and recovery of valuable minerals.
- **Agriculture:** By reducing soil erosion and increasing water retention, NPAM plays a critical role in sustainable farming practices, ensuring healthier soils and improved crop yields.

PACKAGING, STORAGE AND HANDLING

Key Properties

NPAM's properties make it a reliable and effective solution for challenging environments:

- **High Molecular Weight with Low Ionic Content:** This ensures excellent performance in diverse applications, particularly where low ion interference is critical.
- **Excellent Stability:** NPAM remains effective in various environmental conditions, including temperature fluctuations and chemical exposures.

Advantages

- Improves process efficiency in wastewater and mineral treatment.
- Reduces operational costs through better resource management.
- Promotes sustainable agricultural practices by conserving water and preventing soil degradation.

Packaging & Storage

Proper packaging and storage are essential to maintain the quality and effectiveness of NPAM:

- **Packaging:** Supplied in robust 25 kg kraft paper bags with an inner plastic liner to protect against moisture and contamination.
- **Shelf Life:** When stored under recommended conditions, NPAM has a shelf life of up to 2 years.
- **Transportation:** Classified as non-dangerous goods, NPAM is safe and convenient to handle, transport, and store.

Usage Tips

For optimal results, ensure that NPAM is:

1. Dissolved in water before application to achieve the desired concentration.
2. Stored in a cool, dry place to prevent moisture absorption.
3. Handled with clean tools and equipment to avoid contamination.

Environmental Considerations

NPAM is an environmentally responsible choice. It aids in reducing industrial waste impact, conserving natural resources, and supporting sustainable practices in agriculture and mining. Its neutral charge ensures minimal disruption to ecosystems.

ABOUT US

Established in 2017, Chemkraft Chemical Corporation has rapidly emerged as a leading player in the chemicals, petrochemicals, and oil products industry. Strategically headquartered in Germany, with additional offices in Iran, Georgia, and Turkey, we serve as a vital hub for expansive operations across the CIS region, the Middle East, and Europe. Our commitment to excellence, coupled with a robust network, has positioned us as a trusted and reputable entity in the market.

Chemkraft prides itself on delivering high-quality products and exceptional service. Our broad product portfolio includes minerals, industrial chemicals, petrochemicals, and oil products, all sourced from reputable manufacturers to ensure superior quality and reliability. We cater to a diverse range of industries, including manufacturing, pharmaceuticals, agriculture, and more.

Our operations are characterized by extensive expertise in both import and export activities, facilitated by a deep understanding of international trade regulations and logistics. This expertise allows us to provide smooth and efficient transactions, ensuring that our clients receive their products on time and in perfect condition.

Our experienced staff forms the backbone of our operations. Comprised of seasoned professionals with deep industry knowledge, our team is dedicated to providing tailored solutions that meet the specific needs of our clients. This commitment to customer satisfaction ensures that we build long-term relationships based on trust and reliability. Our regional network spans numerous countries in the CIS, the Middle East, and Europe, allowing us to offer localized solutions while maintaining global standards. This extensive reach enables us to respond quickly to market demands and provide our clients with the best possible service.

Chemkraft Chemical Corporation is also deeply committed to quality and sustainability. We adhere to stringent quality control measures at every stage of our operations, ensuring that our products meet international standards and specifications. Additionally, we conduct our business in an environmentally responsible manner, minimizing our environmental impact and promoting sustainable development in the regions we operate.

Our customer-centric approach sets us apart in the industry. We understand that each client has unique requirements, and our team works closely with customers to provide bespoke solutions that address their specific challenges and goals. From inquiry to delivery, our customer support team ensures a seamless experience, prioritizing long-term relationships built on trust and reliability.

Let me know if you'd like any further adjustments.

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CONTACT US:



- For more information about our products and services, please visit our website or contact us directly. We look forward to collaborating with you and contributing to your success.

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