

TECHNICAL DATA SHEET (TDS)

Cationic Polyelectrolyte (PAM) – T200


GENERAL INFORMATION

Cationic Polyelectrolyte is a high-performance polymer used for water and wastewater treatment applications. It excels in neutralizing colloidal charges and forming dense flocs that enhance the removal of suspended solids through sedimentation and flotation processes. The product is manufactured using advanced technology by skilled professionals to ensure high quality and performance.

This cationic polyelectrolyte complies with international standards for water treatment chemicals, ensuring its safety and effectiveness.

This product is available in powder form and is suitable for a wide range of industrial applications.

PRODUCT SAFETY INFORMATION

<ul style="list-style-type: none">• Keep containers tightly closed and avoid direct contact with skin, eyes, and clothing.• Do not inhale or ingest dust, vapors, or mist; ensure proper ventilation during handling.• Avoid eating, drinking, or smoking while handling the product.• In case of skin or eye contact, rinse immediately with plenty of water and seek medical attention.• Store in a cool, dry, and well-ventilated area, away from incompatible substances.• Use protective equipment, including acid-resistant gloves and safety goggles.• In the event of a spill, contain and neutralize the product to prevent environmental contamination.		<ul style="list-style-type: none">- Corrosive to Metals Cat 1-Acute Toxicity, Oral Cat 4 Skin-Skin corrosion/Irritation Cat 2-Serious Eye Damage/Eye Irritation Cat 2-Specific Target Organ Toxicity, Single Exposure Cat 2 (systemic)-Hazardous to the Aquatic Environment, Acute Hazard Cat 2-Hazardous to the Aquatic Environment, Long-term Hazard Cat 2	HMIS CODE								
Hand protection:	Use chemical-resistant gloves (nitrile, PVC, or neoprene) to prevent skin contact. Replace if damaged.		<table><tr><td>HEALTH</td><td>0</td></tr><tr><td>FLAMMABILITY</td><td>1</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td><input type="checkbox"/></td></tr></table>	HEALTH	0	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	<input type="checkbox"/>
HEALTH	0										
FLAMMABILITY	1										
REACTIVITY	0										
PERSONAL PROTECTION	<input type="checkbox"/>										
Eye protection:	Wear safety goggles or face shield that are resistant to chemicals to prevent eye contact. Ensure they are in good condition and replace them if damaged or cracked..										
Respiratory protection:	Use a respirator with a dust or mist filter if exposure limits are exceeded or when adequate ventilation is not available. Ensure proper fit to prevent inhalation of harmful dust or fumes.										

Product Specifications

<i>Item</i>	<i>Specifications</i>
Appearance	White powder
<i>Ionic Character</i>	Cationic
Toxicity	Non-toxic
Solubility	Dispersible fast & complete
Dissoluble Time (min)	<90
Molecular Weight	9 Million
Solid Content (%)	88
Ionization degree (%)	32
pH of 0.1% solution	6.4
Bulk Density (gr/mL)	1.18

STORAGE INFORMATION

The cationic poly-electrolyte product must be properly sealed and stored in a dry, cool, and well-ventilated area. It should be protected from exposure to rain, moisture, high temperatures, and direct or strong sunlight, as these conditions can affect the product's stability and effectiveness. Avoid placing the product near heat sources or in areas with poor air circulation. Proper storage ensures extended shelf life and maintains the product's optimal performance.

DELIVERY

The product is packed in double-layer bags with a net weight of 25 kg. This type of packaging protects the product from damage during transportation and storage, and makes handling easier.

NOTE

Refer to the SDS for further health, safety and environmental information regarding this product. Information and recommendations in this technical data sheet are based on information believed to be reliable. However, the use of the product is beyond our control, and no guarantee expressed or implied is made as to the effects of such the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage, resulting from misuse of the product as such, or combination with other materials.