

Global Cationic Water Treatment Polymer Flocculant Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Cationic Water Treatment Polymer Flocculant market size was valued at US\$ 2935 million in 2025 and is forecast to a readjusted size of US\$ 3889 million by 2032 with a CAGR of 4.2% during review period.

In 2024, global cationic water treatment polymer flocculant production will reach 1,297,000 tons, with an average selling price of US\$2,037 per ton and an average gross profit margin of approximately 21.06%. Cationic polymer flocculants are water-soluble polymers with positively charged groups (such as quaternary ammonium, amino, and imino groups) on their molecular chains. Through the dual effects of charge neutralization and adsorption bridging, they efficiently agglomerate negatively charged colloidal particles, suspended organic matter, and microorganisms in water, forming dense flocs that accelerate solid-liquid separation. They are widely used in urban sewage treatment, industrial wastewater treatment (such as printing and dyeing, papermaking, and mining), and drinking water purification.

Cationic water treatment polymer flocculants, as key materials in modern water treatment technology, play an irreplaceable role in a wide range of sectors, including municipal sewage, industrial wastewater, papermaking, chemical industry, and food processing, thanks to their excellent charge neutralization and bridging adsorption properties. With global water scarcity and the increasing demand for pollution control, the water treatment industry is entering a phase of development that prioritizes both quality improvement and efficiency enhancement while also transforming to a greener environment. This presents new growth opportunities for the cationic polymer flocculant market.

Technically, mainstream products include cationic polyacrylamide (CPAM) and polydimethyldiallylammonium chloride (PolyDADMAC). These achieve precise adaptation to diverse water quality systems through adjustable molecular weight and cationicity. In recent years, R&D efforts have shifted towards increasing reaction rates, reducing dosage, and enhancing treatment effectiveness for waters with high turbidity and high organic loads. Furthermore, the concepts of green development and sustainable development are driving companies to explore new flocculants derived from bio-based and renewable raw materials to reduce the secondary environmental impacts of chemical use.

In terms of the industry landscape, competition in the global cationic flocculant market is relatively concentrated, with leading international companies such as SNF, Kemira, and Solenis dominating the high-end market with their technological expertise and brand advantages. In China, with the improvement of the water treatment industry chain and the acceleration of independent technological innovation, production scale, product quality, and application technology are continuously improving, making the transition from the mid- and low-end markets to high-value-added sectors. Domestic products offer significant advantages in cost control and localized services, and are expected to occupy a more significant position in the global market in the future.

From an application perspective, cationic water treatment polymer flocculants will continue to expand their applications in wastewater resource utilization, industrial circulating water, and river and lake ecological restoration. With the widespread adoption of intelligent water treatment systems, automated flocculant dosing and digital monitoring will become new growth areas. Furthermore, stricter policy requirements for environmental protection and the advancement of the "dual carbon" goals will also drive the research and development and industrialization of efficient and environmentally friendly flocculants.

Overall, the cationic water treatment polymer flocculant industry is at a critical stage of structural optimization and technological upgrading. Future market competition will shift from simple product performance to comprehensive solutions and sustainable development capabilities. Whoever can take the lead in the integration trend of green chemistry and intelligent water treatment will take the lead in the development of the industry.

This report is a detailed and comprehensive analysis for global Cationic Water Treatment Polymer Flocculant market. Both quantitative and qualitative analyses are

presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Cationic Water Treatment Polymer Flocculant market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Cationic Water Treatment Polymer Flocculant market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Cationic Water Treatment Polymer Flocculant market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Cationic Water Treatment Polymer Flocculant market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Cationic Water Treatment Polymer Flocculant
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Cationic Water Treatment Polymer Flocculant market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SNF, Solenis,

Kemira, NUOER GROUP, Sinofloc, Beijing Hengju, Henan Liansheng Environmental Protection Technology, Anhui Tianrun, Jiangsu Feymer Technology, MT AquaPolymer, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Cationic Water Treatment Polymer Flocculant market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Polyacrylamide (PAM)

Polyamine

Poly-DADMAC

Market segment by Ionic Strength

Weak Cation

Medium Cation

Strong Cation

Market segment by Product Form

Dry Powder

Emulsion

Market segment by Application

Municipal

Industrial

Major players covered

SNF

Solenis

Kemira

NUOER GROUP

Sinofloc

Beijing Hengju

Henan Liansheng Environmental Protection Technology

Anhui Tianrun

Jiangsu Feymer Technology

MT AquaPolymer

Feralco Group

Zhejiang Xinhaitian Bio-Technology

Anhui Jucheng

Gongyi Xinqi Polymer

Shandong Luyue Chemical Group

Xinyong Biochemical

Yuan Hongda Chemical

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Cationic Water Treatment Polymer Flocculant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cationic Water Treatment Polymer Flocculant, with price, sales quantity, revenue, and global market share of Cationic Water Treatment Polymer Flocculant from 2021 to 2026.

Chapter 3, the Cationic Water Treatment Polymer Flocculant competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cationic Water Treatment Polymer Flocculant breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Cationic Water Treatment Polymer Flocculant market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Cationic Water Treatment Polymer Flocculant.

Chapter 14 and 15, to describe Cationic Water Treatment Polymer Flocculant sales channel, distributors, customers, research findings and conclusion.

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