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# Global Polyaluminium Chloride (PAC) Solution Market Growth 2026-2032

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## Abstracts

The global Polyaluminium Chloride (PAC) Solution market size is predicted to grow from US$ 172 million in 2025 to US$ 257 million in 2032; it is expected to grow at a CAGR of 5.7% from 2026 to 2032.

Polyaluminum chloride solution is a liquid inorganic polymer coagulant with polyaluminum chloride as the active ingredient. It is usually in the form of an aqueous solution with a certain effective alumina content and alkalinity. The solution is mainly composed of multi-core hydroxy aluminum complexes. After addition, it promotes rapid coagulation and sedimentation of colloids and suspended solids through mechanisms such as electric neutralization, adsorption bridging, and net capture and sweeping. It is commonly used in water treatment plants, municipal sewage upgrading, industrial wastewater pretreatment, and deep turbidity and decolorization. In 2025, global Polyaluminium Chloride (PAC) Solution production reached approximately 3,147 K MT, with an average global market price of around US$ 56 per MT.

The core advantages of liquid products lie in their immediate use, strong adaptability to automated metering and dosing, labor-saving dissolution and preparation processes, and lower dust risks. Therefore, their penetration rate in large-scale water operations and continuous industrial water treatment has steadily increased. However, their competitive focus will shift from single purity and low price to effective alumina content and alkalinity stability, low insoluble matter and low impurity control, flocculation efficiency under low temperature and low turbidity conditions, storage and transportation stability and anti-corrosion packaging solutions, as well as the ability to achieve drug consumption optimization and sludge reduction through online monitoring linkage. Suppliers with process service capabilities and quality consistency are more likely to gain market share in centralized procurement and long-term framework agreements.

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LP Information, Inc. (LPI) ' newest research report, the “Polyaluminium Chloride (PAC) Solution Industry Forecast” looks at past sales and reviews total world Polyaluminium Chloride (PAC) Solution sales in 2025, providing a comprehensive analysis by region and market sector of projected Polyaluminium Chloride (PAC) Solution sales for 2026 through 2032. With Polyaluminium Chloride (PAC) Solution sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Polyaluminium Chloride (PAC) Solution industry.

This Insight Report provides a comprehensive analysis of the global Polyaluminium Chloride (PAC) Solution landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Polyaluminium Chloride (PAC) Solution portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Polyaluminium Chloride (PAC) Solution market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Polyaluminium Chloride (PAC) Solution and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Polyaluminium Chloride (PAC) Solution.

This report presents a comprehensive overview, market shares, and growth opportunities of Polyaluminium Chloride (PAC) Solution market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Industrial Grade

Drinking Water Grade

High-Purity Grade

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Segmentation by Alumina Content:

Alumina Content

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