

Polyacrylic Acid Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Water Treatment, Personal Care & Cosmetic, Detergents & Cleanings, Agriculture, Textile & Coatings, Others), By Region and Competition, 2020-2030F

https://marketpublishers.com/r/P5C1246AA4FAEN.html

Date: May 2025

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: P5C1246AA4FAEN

Abstracts

Market Overview

The Global Polyacrylic Acid (PAA) Market was valued at USD 6,277.10 Million in 2024 and is anticipated t%li%reach USD 8,128.39 Million by 2030, growing at a CAGR of 2.96% during the forecast period. The market is primarily driven by increasing demand for water treatment solutions due t%li%PAA's excellent water absorbency and dispersing capabilities. Its effectiveness in treating wastewater makes it a preferred choice in this segment. Additionally, the rising consumption of advanced cosmetic and personal care products is fueling the use of PAA as a thickener and stabilizer, especially in skincare and hair care formulations. The detergent industry is als%li%a significant contributor, utilizing PAA t%li%improve cleaning performance and prevent scale formation. Moreover, growing demand from the paints and coatings sector, where PAA enhances product durability and consistency, is further boosting market growth across multiple end-use industries.

Key Market Drivers

Growth in Personal Care Industry

The global personal care and skincare market continues t%li%expand, with projected



revenues reaching USD 198.35 billion by 2025. South Korea stands out as a global leader in beauty innovation, influencing product trends worldwide. Polyacrylic Acid is increasingly integral t%li%skincare and haircare formulations due t%li%its role as a stabilizer, thickening agent, and emulsifier. As consumers demand more sophisticated and effective cosmetic solutions—ranging from anti-aging creams t%li%premium hair treatments—the utility of PAA grows. Its ability t%li%improve product consistency, enhance formulation stability, and support premium product performance makes it a critical ingredient. Rising disposable incomes, coupled with growing consumer awareness of product efficacy, are expected t%li%further drive demand for PAA in the personal care sector.

Key Market Challenges

Volatility in Raw Material Prices

A major challenge impacting the Polyacrylic Acid market is the fluctuation in raw material prices, particularly acrylic acid. As the primary feedstock for PAA, acrylic acid's pricing is influenced by supply-demand imbalances, geopolitical uncertainties, and operational disruptions in key production zones. These fluctuations significantly affect production costs, thereby impacting profit margins and pricing strategies for manufacturers. Unpredictable input costs can als%li%lead t%li%downstream pricing challenges in industries such as water treatment, personal care, and paints, where PAA is a key component. In cost-sensitive markets, such volatility may limit consumption or shift demand t%li%alternative solutions, thereby posing a potential threat t%li%sustained market growth.

Key Market Trends

Growth in Construction Industry

The construction sector is increasingly adopting advanced chemical additives t%li%meet the demand for sustainable and high-performance materials. Polyacrylic Acid is finding growing application in this domain, particularly in cement, coatings, and adhesive formulations. As a dispersing agent, PAA enhances the workability and binding efficiency of cement-based products, while als%li%reducing water consumption. Infrastructure development, which contributes 79% of total global GHG emissions, is under pressure t%li%adopt more eco-efficient solutions. Investments aimed at climate resilience and infrastructure sustainability—accounting for 88% of adaptation spending—are further stimulating the demand for performance-enhancing additives like

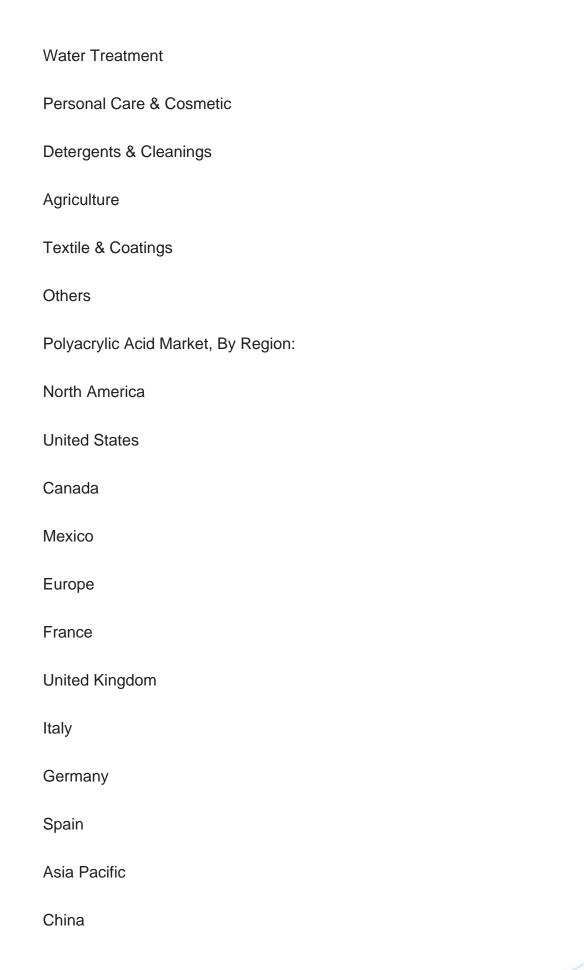


PAA. This trend is expected t%li%sustain growth in PAA demand within the construction sector.

Key Market Players
BASF SE
The Dow Chemical Company
Lubrizol Corporation
Arkema SA
NIPPON SHOKUBAI CO., LTD.
Evonik Industries AG
Ashland Inc.
TOAGOSEI CO., LTD.
SNF Group
Ka%li%Corporation
Report Scope
In this report, the Global Polyacrylic Acid Market has been segmented int%li%the following categories, in addition t%li%the industry trends which have als%li%been detailed below:
Polyacrylic Acid Market, By Sales Channel:
Direct
Indirect

Polyacrylic Acid Market, By End Use:







india
Japan
Australia
South Korea
South America
Brazil
Argentina
Colombia
Middle East & Africa
South Africa
Saudi Arabia
UAE
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in the Global Polyacrylic Acid Market.
Available Customizations

Available Customizations

Global Polyacrylic Acid Market report with the given market data, TechSci Research offers customizations according t%li%a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up



t%li%five).



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