

Polyacrylic Acid Market to Reach \$6.7 Billion by 2032, Driven by Expanding Construction and Personal Care Industries

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WILMINGTON, DE, UNITED STATES, June 3, 2026 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled "[Polyacrylic Acid Market](#) by Type, Application, and End-Use Industry: Global Opportunity Analysis and Industry Forecast, 2023–2032," the global polyacrylic acid market was valued at \$4.0 billion in 2022 and is projected to reach \$6.7 billion by 2032, registering a CAGR of 5.4% from 2023 to 2032.



Polyacrylic acid (PAA) is a vital raw material used across a wide range of industries, including automotive, construction, water treatment, paints and coatings, adhesives, pharmaceuticals, and personal care. Its extensive use in manufacturing thickeners, dispersants, scale inhibitors, binders, emulsifiers, and specialty chemicals continues to support market expansion. Rapid industrialization, infrastructure development, and growing demand for sustainable materials are expected to fuel market growth throughout the forecast period.

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Key Market Drivers:-

The polyacrylic acid market is witnessing steady growth due to:

- Rapid industrial expansion across emerging economies
- Increasing construction and infrastructure development activities

- Rising demand from water treatment and personal care industries
- Growing adoption of sustainable and bio-based chemical solutions

However, fluctuations in raw material prices remain a major challenge for manufacturers and may restrain market growth during the forecast period.

Bio-Based Polyacrylic Acid Emerging as a High-Growth Segment:

- Based on type, the synthetic segment accounted for the largest share of the market in 2022, contributing more than four-fifths of total revenue. The widespread use of synthetic polyacrylic acid in hygiene products, including diapers and absorbent materials, continues to support segment growth.

- Nevertheless, the bio-based segment is expected to register the fastest CAGR of 5.9% through 2032. Increasing environmental awareness, stringent sustainability goals, and growing consumer preference for eco-friendly products are accelerating the adoption of bio-based alternatives derived from renewable resources. The transition toward a circular economy is expected to create significant opportunities for bio-based PAA manufacturers.

Scale Inhibitors Remain the Leading Application:

- By application, the scale inhibitor segment dominated the market in 2022, accounting for nearly one-fourth of total revenue. Rising industrial water treatment requirements across power generation, oil & gas, and chemical processing industries are driving demand for efficient scale control solutions.

- Meanwhile, the thickeners segment is projected to witness the highest CAGR of 6.2% during the forecast period. Increasing demand for cosmetics and personal care products, along with growing preference for natural and sustainable formulations, is boosting the use of polyacrylic acid as a thickening agent.

Water Treatment Leads End-Use Demand:

- Among end-use industries, the water treatment segment held the largest market share in 2022 and is expected to maintain its leadership position through 2032. Rising concerns regarding water pollution, rapid urbanization, and stricter environmental regulations are driving investments in advanced water treatment technologies, thereby increasing demand for polyacrylic acid.

- The cosmetics segment, however, is forecast to register the highest CAGR of 6.8% during the study period. Growing disposable incomes, evolving beauty trends, and increased consumer focus on personal grooming are supporting demand for innovative cosmetic formulations that utilize polyacrylic acid for enhanced texture, stability, and performance.

Asia-Pacific Maintains Market Dominance:

- The Asia-Pacific region accounted for more than half of global market revenue in 2022 and is expected to retain its dominant position throughout the forecast period.
- Strong demand from major economies such as China, India, Japan, and South Korea is fueled by rapid industrialization, urbanization, expanding manufacturing activities, and increasing emphasis on environmental sustainability. Additionally, ongoing advancements in production technologies and the development of eco-friendly formulations are expected to further strengthen regional market growth.

Leading Market Participants:-

Key companies operating in the global polyacrylic acid market include:

- Acuro Organics Limited
- Evonik Industries AG
- Sumitomo Seika Chemicals
- Dow
- Maxwell Additives Pvt. Ltd.
- Nippon Shokubai Co., Ltd.
- Ashland Inc.
- Lubrizol Corporation
- BASF SE
- Arkema

These industry participants are actively pursuing strategies such as product innovation, capacity expansion, partnerships, joint ventures, and acquisitions to strengthen their market presence and gain competitive advantages across global markets.

The study provides comprehensive insights into market trends, growth drivers, competitive landscape, emerging opportunities, and strategic developments shaping the future of the global polyacrylic acid industry.

For more information, visit <https://www.alliedmarketresearch.com/polyacrylic-acid-market/purchase-options>

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