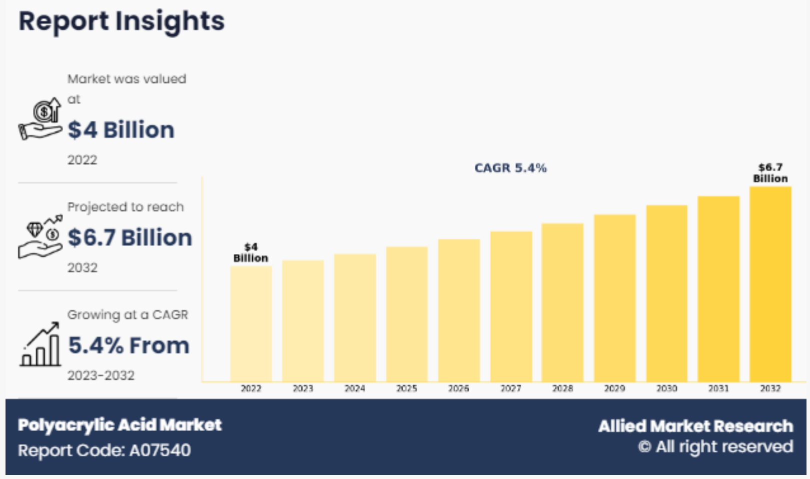
Polyacrylic Acid Market Forecast and Competitive Landscape with Insights on Regional Growth and Key Industry Players

Growing construction and infrastructure development, fueling demand for binders and dispersants.



Polyacrylic Acid Market, by End-Use Industry

WILMINGTON, DE, UNITED STATES, November 18, 2025 /EINPresswire.com/ -- Polyacrylic acid is a vital raw material used across fast-growing sectors such as automotive, construction, water treatment, and personal care. Its extensive application in paints & coatings, adhesives, scale inhibitors, and absorbent products is driving strong market expansion in line with rising industrial and infrastructure activities.

According to the report, the polyacrylic acid market generated $4.0 billion in 2022 and is projected to reach $6.7 billion by 2032, growing at a CAGR of 5.4% from 2023 to 2032.

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Prime Determinants of Growth:-

The market is propelled by:

- Industrial expansion across manufacturing, automotive, and chemical sectors
- Growing construction and infrastructure development, fueling demand for binders and dispersants
- Increasing adoption of sustainable and bio-based materials

However, volatility in raw material prices continues to challenge market stability.

Segment Insights:-

Type: Bio-Based Segment to Grow Fastest

- The synthetic segment dominated the market in 2022, accounting for over 80% of total revenue.
- Demand is fueled by use in superabsorbents, especially in hygiene products such as diapers.
- The bio-based segment, driven by rising sustainability trends, is projected to record the highest CAGR of 5.9% through 2032.
- Increasing consumer preference for eco-friendly chemicals and circular economy initiatives are shaping future growth.

Application: Scale Inhibitors to Maintain Lead

- The scale inhibitor segment held nearly one-fourth of market share in 2022 and will remain dominant through 2032.
- Growth is driven by demand from oil & gas, power generation, chemical processing, and other industrial water treatment applications.
- The thickeners segment is expected to register the fastest CAGR of 6.2%, supported by booming global cosmetics and personal care markets—expected to reach $1 trillion by 2030.

End-use Industry: Cosmetics Growing Strongest

- The water treatment segment accounted for the highest share in 2022 due to rapid industrialization, urban expansion, and rising pollution levels.
- Stricter environmental regulations and adoption of advanced treatment chemicals bolster demand.
- The cosmetics segment is projected to grow at the highest CAGR of 6.8%, driven by rising disposable income, premiumization trends, and increased preference for stable and sustainable formulations.

Regional Insights: Asia-Pacific Leads the Market

- Asia-Pacific accounted for more than 50% of market share in 2022.
- Strong manufacturing bases in China, India, Japan, and South Korea, along with rapid urbanization and sustainability initiatives, support market dominance.
- Technological advancements and growing production of eco-friendly polymers further accelerate regional growth.

Key Market Players:

- 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

The report offers comprehensive insights into these companies’ product portfolios, strategic initiatives, regional presence, and competitive positioning.

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