

Polyacrylamides Market Rising Trade in Emerging Economies Driving New Opportunities to 2032

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WILMINGTON, DE, UNITED STATES, November 12, 2025 /EINPresswire.com/ --According to the report, the global polyacrylamide market was valued at \$5.0 billion in 2022 and is projected to reach \$8.4 billion by 2032, registering a CAGR of 5.5% from 2023 to 2032.



Polyacrylamides Market, by Application

Key Market Drivers:

The market growth is primarily driven by rising demand from the agricultural sector, where polyacrylamides are used for soil conditioning, water retention, and erosion control. As global population growth continues to pressure food production, polyacrylamides play an essential role in improving soil quality and promoting sustainable farming practices.

However, market expansion is constrained by the dependence on petrochemical-based raw materials such as acrylonitrile and acrylic acid. Fluctuations in crude oil prices increase production costs, creating price volatility that challenges manufacturers and discourages long-term investment.

Segment Insights:-

By Product Type:

- The anionic polyacrylamide (APAM) segment dominated the market in 2022, accounting for nearly one-third of total revenue. APAM is widely used in municipal and industrial wastewater

treatment to enhance sedimentation and filtration, ensuring compliance with environmental regulations in high-demand regions.

By Form:

- The liquid polyacrylamide segment led the market, contributing over one-third of revenue in 2022. Its use as a flocculant in water treatment plants drives demand, thanks to its effectiveness in removing suspended solids and organic impurities from water — a critical need amid rapid urbanization and industrial growth.

By Application:

- The water treatment segment held the largest share in 2022, contributing nearly one-third of the market. Polyacrylamides' strong flocculation capabilities make them vital for wastewater purification and recycling, ensuring environmental safety and water resource sustainability.

Regional Analysis:

- The Asia-Pacific region accounted for over one-third of global market revenue in 2022 and is expected to maintain dominance through 2032. Rising industrialization, urbanization, and energy demand in countries like China and India fuel extensive adoption of polyacrylamides in water treatment and enhanced oil recovery (EOR) applications.

Leading Market Players:

- Ashland
- BASF SE
- SNF Group
- China National Petroleum Corporation
- Dow
- Kemira
- Solvay
- Solenis
- Mitsui Chemicals
- Black Rose Industries Ltd.
- ZL Group

These companies employ strategies such as product innovation, expansion, collaborations, and joint ventures to strengthen market presence and adapt to regional demands.

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