

Polyacrylamide Market Huge Growth in Future Scope 2023-2032

Polyacrylamide Market Size Worth \$8.4 Billion by 2032 | CAGR: 5.5%: Allied Market Research

PORTLAND, OR, UNITED STATES, November 29, 2024 /

EINPresswire.com/ -- Allied Market Research published a report, titled, "[Polyacrylamides Market](#) by Product

Type (Non-Ionic Polyacrylamide (NPAM), Anionic Polyacrylamide (APAM), Cationic Polyacrylamide (CPAM), Amphoteric Polyacrylamide,

High Molecular Weight Polyacrylamide, Cross-Linked Polyacrylamide), Form (Powder/Granular, Emulsion, Liquid), and Application (Water Treatment, Enhanced Oil Recovery (EOR), Papermaking, Mining And Mineral Processing, Personal Care, Food Processing, Others): Global Opportunity Analysis And Industry Forecast, 2023-2032". According to the report, the global polyacrylamide

market was valued at \$5.0 billion in 2022 and is estimated to reach \$8.4 billion by 2032, exhibiting a CAGR of 5.5% from 2023 to 2032.

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Polyacrylamide (PAM) is a water-soluble synthetic polymer made from the monomer acrylamide.”

David Correa

Prime determinants of growth

The global polyacrylamide market is driven by robust demand from agricultural sector. In agriculture,

polyacrylamides play a crucial role in soil conditioning and erosion control. They are utilized to improve soil structure, water retention, and nutrient delivery in agricultural fields. As the global population continues to grow, there is an increasing pressure to enhance agricultural productivity, and polyacrylamides contribute to achieving this by optimizing soil conditions and water management. Additionally, the awareness of sustainable farming practices has led to the adoption of polyacrylamides as part of environment-friendly agricultural solutions. However, the polyacrylamides market is highly dependent on raw materials derived from petrochemical sources, particularly acrylonitrile and acrylic acid. Fluctuations in oil prices directly impact the production costs of polyacrylamides, leading to increased price volatility. Manufacturers face



challenges in stabilizing their profit margins, and end-users may explore alternative solutions to avoid cost uncertainties. This volatility can deter market growth and hinder investment in the polyacrylamides sector.

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The anionic polyacrylamide (APAM) segment to maintain its lead position during the forecast period.

Based on product type, the anionic polyacrylamide (APAM) segment accounted for the largest share in 2022, contributing to less than one-third of the global polyacrylamide market revenue. In municipal water treatment plants, APAM is used to enhance the settling of solids and improve the efficiency of sedimentation and filtration processes. This is particularly important in densely populated areas where the demand for clean water is high. Additionally, APAM finds applications in industrial wastewater treatment, helping industries comply with environmental regulations and minimize the environmental impact of their operations.

The liquid segment to maintain its lead position during the forecast period.

Based on form, the liquid segment accounted for the largest share in 2022, contributing to more than one-third of the global polyacrylamide market revenue. One of the primary drivers for the increased demand for liquid polyacrylamide is its crucial role in water treatment processes. As the global population continues to grow, there is an escalating demand for clean and potable water. Liquid polyacrylamide is widely used as a flocculant in water treatment plants to facilitate the removal of suspended solids, organic matter, and other impurities. Its high molecular weight and ability to form large, dense flocs make it highly effective in the clarification and purification of water. With the intensification of industrial activities and urbanization, the need for advanced water treatment solutions has become more pronounced, contributing significantly to the rising demand for liquid polyacrylamide.□

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The water treatment segment to maintain its lead position during the forecast period.

Based on application, the water treatment segment accounted for the largest share in 2022, contributing to less than one-third of the global polyacrylamide market revenue. Polyacrylamide is particularly valuable in water treatment due to its versatility and effectiveness in various applications. One of its key functions is as a flocculant, aiding in the aggregation and settling of suspended particles in water. This process is crucial for the removal of impurities, sediments, and other contaminants from wastewater, making it suitable for recycling or safe discharge into the environment.□

Asia-Pacific to maintain its dominance by 2032

Based on region, Asia-Pacific held the highest market share in terms of revenue in 2022, accounting for more than one-third of the global polyacrylamide market. Polyacrylamide is extensively used in water treatment processes, including wastewater treatment and purification of drinking water. With growing industrialization and urbanization in the Asia-Pacific region, the demand for effective water treatment solutions has been on the rise. Furthermore, the oil and gas industry utilizes polyacrylamide for enhanced oil recovery methods. The use of polyacrylamide in EOR processes is anticipated to increase as the demand for energy continues to increase in the Asia-Pacific region.□□

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

<https://www.alliedmarketresearch.com/polyacrylamide-market/purchase-options>

Leading Market Players: -

Ashland

BASF SE

SNF Group

China National Petroleum Corporation

Dow

Kemira

Solvay

Solenis

Mitsui Chemicals

Black Rose Industries Ltd.

ZL Group

The report provides a detailed analysis of these key players in the global polyacrylamide market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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