

Polyacrylamides Market By Product Type (Non-ionic Polyacrylamide (NPAM), Anionic Polyacrylamide (APAM), Cationic Polyacrylamide (CPAM), Amphoteric Polyacrylamide, High Molecular Weight Polyacrylamide, Cross-linked Polyacrylamide), By Form (Powder/granular, Emulsion, Liquid), By 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

Market Report | 2024-01-01 | 504 pages | Allied Market Research

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Report description:

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. Polyacrylamide is a synthetic polymer derived from acrylamide monomers. It is a type of water-soluble polymer that consists of repeating units of acrylamide. The chemical formula for acrylamide is C_3H_5NO , and when these units polymerize, they form long chains of polyacrylamide.?

Regulatory influences play a crucial role in shaping the polyacrylamides market. Environmental regulations focusing on water quality and sustainable practices are driving industries to adopt polyacrylamides for wastewater treatment and agricultural applications. Regulatory bodies worldwide are increasingly emphasizing the need for eco-friendly solutions, and polyacrylamides, when used responsibly, align with these regulatory requirements.??

Moreover, the regional dynamics of the polyacrylamides market are influenced by economic growth, industrialization, and environmental concerns. Developing economies with rapidly growing industrial sectors often witness a surge in demand for water treatment solutions, positively impacting the polyacrylamides market. Additionally, regions with extensive agricultural activities

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and a focus on modern farming practices contribute significantly to the demand for polyacrylamides.?

However, polyacrylamides face intense competition from alternative products and technologies. Natural polymers, such as guar gum and starch, and synthetic alternatives such as polyethylene oxide (PEO) compete with Polyacrylamides in various applications. The market's growth is constrained as industries seek cost-effective and sustainable alternatives that can provide similar or enhanced performance. The challenge lies in developing Polyacrylamide formulations that offer unique advantages, ensuring a competitive edge over substitutes.?

On the contrary, one of the noteworthy opportunities in the polyacrylamides market is the development of bio-based and eco-friendly variants. Environmental concerns and a growing emphasis on sustainable practices are driving research and innovation in polymer chemistry. Manufacturers are investing in the development of polyacrylamides derived from renewable resources, aiming to reduce the environmental impact of these polymers. The successful commercialization of bio-based polyacrylamides can open new markets and cater to the preferences of environmentally conscious industries.?

The polyacrylamide market is segmented on the basis of product type, form, application, and region. On the basis of product type, the market is categorized into Non-ionic Polyacrylamide (NPAM), Anionic Polyacrylamide (APAM), Cationic Polyacrylamide (CPAM), Amphoteric Polyacrylamide, High Molecular Weight Polyacrylamide, and Cross-linked Polyacrylamide. By form, the market is classified into powder/granular, emulsion, and liquid. On the basis of application, it is divided into water treatment, enhanced oil recovery (EOR), papermaking, mining and mineral processing, personal care, food processing, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.??

The global polyacrylamide market profiles leading players that include Ashland, BASF SE, SNF Group, China National Petroleum Corporation, Dow, Kemira, Solvay, Solenis, Mitsui Chemicals, Black Rose Industries Ltd., and ZL Group.?

Other key players involved in the manufacturing of polyacrylamide includes Anhui Jucheng Fine Chemical Co, Ltd., Shandong Polymer Bio-Chemicals Co., Ltd., Xitao Polymer Co., Ltd., Dongying Kechuang Biochemical Industrial Co., Ltd., and Dongying Kechuang Biochemical Industrial Co., Ltd.??The polyacrylamide market report provides in-depth competitive analysis as well as profiles of these major players.?

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the polyacrylamides market analysis from 2022 to 2032 to identify the prevailing polyacrylamides market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the polyacrylamides market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global polyacrylamides market trends, key players, market segments, application areas, and market growth strategies.

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- Manufacturing Capacity
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- Upcoming/New Entrant by Regions
- Technology Trend Analysis
- Market share analysis of players by products/segments
- New Product Development/ Product Matrix of Key Players
- Patient/epidemiology data at country, region, global level
- Regulatory Guidelines
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Average Selling Price Analysis / Price Point Analysis
- Market share analysis of players at global/region/country level
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Product Type

- Non-ionic Polyacrylamide (NPAM)
- Anionic Polyacrylamide (APAM)
- Cationic Polyacrylamide (CPAM)
- Amphoteric Polyacrylamide
- High Molecular Weight Polyacrylamide
- Cross-linked Polyacrylamide

By Form

- Powder/granular
- Emulsion
- Liquid

By Application

- Water treatment
- Enhanced oil recovery (EOR)
- Papermaking
- Mining and Mineral Processing
- Personal Care
- Food Processing
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK

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- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Ashland
- BASF SE
- SNF Group
- China National Petroleum Corporation
- DOW
- Kemira
- Solvay
- Solenis
- Mitsui Chemical Inc
- Black Rose Industries Ltd.
- ZL Group.

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