

Global Polyacrylamide (PAM) Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, 2015-2032

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Abstracts

The global Polyacrylamide (PAM) market has shown a remarkable expansion in the historic years and expanded to reach approximately 2500 thousand tonnes in 2021 and is expected to grow at a healthy CAGR of 6.27% during the forecast period until 2032.

Polyacrylamide (PAM) is a polymer with a linear-chain structure. This polymer is synthesized by a chemical reaction between acrylamide and acrylic acid. It is water-soluble in nature which drives its applications in multiple industries. PAM comes in powder, liquid, and emulsion form and is a valuable agent in various applications. Solid particles present in a liquid can be coagulated or flocculated with the help of polyacrylamide due to which it finds its application in water treatment. Polyacrylamide is frequently used in petroleum applications worldwide to promote oil recovery due to its property to turn water more viscous. Polyacrylamides also have applications in the agriculture sector. Polyacrylamides tend to bind soil particles, particularly clays, to keep them in place, which helps with erosion control and reduces soil sealing. Polyacrylamide is frequently employed in the processing of minerals in mining operations to extract minerals.

Owing to the reducing freshwater reservoirs, new techniques are being developed to treat wastewater all across the world. The market for polyacrylamide is anticipated to be driven in the near future by rising awareness regarding wastewater treatment and the ensuing expansion of the coagulants & flocculants market. Polyacrylamide possess ionic characteristics due to which it works as an excellent coagulating and flocculating agent. Additionally, methods for maximizing oil recovery are being used to increase oil

reserves, decreasing the need to locate new oil fields. Since, polyacrylamides function as an oil-field yield enhancers, it is anticipated that in the forthcoming years this will further fuel the demand of polyacrylamide. The global Polyacrylamide (PAM) demand is anticipated to reach nearly 4800 thousand tonnes by 2032.

Asia Pacific region dominates the Polyacrylamide (PAM) market in terms of consumption. As of 2021, this region consumed approximately 50% of the global PAM market. Over the next few years, it is anticipated that growing polluted water discharge from industries and a shortage of drinkable water would boost demand for polyacrylamide in water treatment applications in the Asia Pacific region. Furthermore, China is the leading producer of PAM followed by USA.

Based on the end-use, the global Polyacrylamide (PAM) market is segregated into Water Treatment, Enhance Oil Recovery, Pulp & Paper, Mineral Processing, and Others. Although, Water Treatment is the leading segment of Polyacrylamide market. This segment a market share of approximately 35% in 2021. Other leading consumers of PAM are Enhance Oil Recovery and Pulp & Paper industries.

Major players in the production of Global Polyacrylamide (PAM) are SNF Floerger Group, BASF, Anhui Jucheng Fine Chemicals Co., Ltd., Xitao Polymer Co., Ltd, Kemira Oyj, Black Rose Industries Limited, Wuxi Tianxin Chemicals Co., Ltd., Tianrun Chemicals, China National Petroleum Corporation, and others.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2032

Objective of the Study:

To assess the demand-supply scenario of Polyacrylamide (PAM) which covers production, demand and supply of Polyacrylamide (PAM)

market in the globe.

To analyse and forecast the market size of Polyacrylamide (PAM)

To classify and forecast Global Polyacrylamide (PAM) market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Polyacrylamide (PAM) market in the globe.

To extract data for Global Polyacrylamide (PAM) market, primary research surveys were conducted with Polyacrylamide (PAM) manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Polyacrylamide (PAM) market over the coming years.

ChemAnalyst calculated Polyacrylamide (PAM) demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical supply and demand of Polyacrylamide (PAM) across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Polyacrylamide (PAM) manufacturers and other stakeholders

Organizations, forums and alliances related to Polyacrylamide (PAM) distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Polyacrylamide (PAM) manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Polyacrylamide (PAM) market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Water Treatment, Enhance Oil Recovery, Pulp & Paper, Mineral Processing, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Polyacrylamide (PAM).

2. CAPACITY BY LOCATION

To better understand the regional supply of Polyacrylamide (PAM) by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of Polyacrylamide (PAM) by the leading players and forecast how it will grow in the coming years.

4. DEMAND BY END- USE

Discover which end-user industry (Water Treatment, Enhance Oil Recovery, Pulp & Paper, Mineral Processing, and Others) are creating a market and the forecast for the growth of the Polyacrylamide (PAM) market.

5. DEMAND BY REGION

Analyzing the change in demand of Polyacrylamide (PAM) in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Polyacrylamide (PAM). Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

7. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or

deficiency of Polyacrylamide (PAM).

8. COMPANY SHARE

Figure out what proportion of the market share of Polyacrylamide (PAM) is currently held by leading players across the globe.

9. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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