

Polyacrylamide Market Growth Factors, Company Profile Analysis, Research Methodology and Forecast to 2028

The global polyacrylamide market size was significantly large in 2020, and is expected to continue to register a rapidly inclining revenue CAGR by 2028

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/EINPresswire.com/ -- The global [polyacrylamide market](#) size was significantly large in 2020, and is

expected to continue to register a rapidly inclining revenue CAGR between 2021 and 2028. Key factors responsible for driving market revenue growth are increasing demand for the product across different application sectors, such as oil recovery, wastewater treatment, food and beverage, and paper manufacturing.

Polyacrylamide (PAM) is a polymer that is created by polymerizing acrylamide subunits. It is commonly used to flocculate particles in liquid because of its gel-like characteristics. It is utilized as a binder in cosmetics, lotions, and other personal care items. Polyacrylamide (PAM) polymers are flocculating agents that can remove a large proportion of polluted water output from industries.

Moreover, polyacrylamide is used in a variety of industries, including paper production and water treatment. Its protein biocompatibility and resistance characteristics have further boosted its use in delivery of drug and biomedicine. Polyacrylamides can be made in either a single-linear or a cross-linked chain form. The monomer is decreased to its simplest form in the cross-linked state, making the material water absorbing. Its characteristics aid in soil structure stabilization. Polyacrylamides minimize water consumption and soil erosion, making the soil more conducive to agriculture. Because the soil dries up fast after heavy rains, high-water absorption prevents damage to crops.

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Polyacrylamide prices are directly linked to the cost of raw ingredients produced from crude oil, such as acrylonitrile and acrylic acid. Increasing crude oil prices are expected to raise raw material costs in the sector, thereby increasing prices of polyacrylamide during the upcoming years. In addition, the COVID-19 pandemic has become a key cause of price volatility. It has also led to bidding war between major crude oil producing nations, particularly Russia and Saudi Arabia. This factor is likely to exacerbate crude oil price fluctuations, thereby resulting in increased prices of polyacrylamide throughout the world. This aspect tends to limit the industry's expansion.

Major companies

SNF
Ashland
BASF
Kemira
Anhui Tianrun
Shandong Polymer Bio-chemicals Co., Ltd.
Xitao Polymer Co., Ltd.
CNPC
Dongying Kechuang Biochemical Industrial Co., Ltd.
Anhui Jucheng Fine Chemical Co, Ltd. (CJCC)
Black Rose Industries Ltd.

Further key findings from the report suggest

Rising awareness of wastewater management and increasing need to minimize soil erosion are driving the global polyacrylamide market. The industry is anticipated to rise due to increasing demand for oil recovery, as well as rising urbanization and population. Polyacrylamides are utilized to treat wastewater from a variety of chemical industries, as well as municipal sewage disposal. These industries include mineral processing, metallurgy, coal cleaning, steel & iron, and electronics. Polyacrylamide is also used in a variety of applications, including Enhanced Oil Recovery (EOR), oil drilling additives, and drag reduction. At the same time, they are used to stabilize soil aggregates, while flocculating suspended particles in order to reduce soil erosion. Sprinkler irrigation, rain-fed agriculture, and furrow irrigation employ polyacrylamide .

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Segments covered in the report:

Product Outlook (Revenue, USD Billion; 2018-2028)

Anionic

Cationic
Non-ionic

Application Outlook (Revenue, USD Billion; 2018-2028)

Water Treatment
Oil & Gas
Paper Making

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Region Outlook (Revenue, USD Billion; 2018-2028)

North America
U.S.
Canada
Mexico
Europe
Germany
U.K.
France
Italy
Spain
Benelux
Rest of Europe
Asia Pacific
China
India
Japan
South Korea
Rest of Asia Pacific
Latin America
Brazil
Rest of Latin America
Middle East & Africa
Saudi Arabia
UAE
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Rest of Middle East & Africa

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Reports and Data

+ 12127101370

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