

Polyacrylamide-Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Polyacrylamide Market is accounted for \$3.58 billion in 2020 and is expected to reach \$7.03 billion by 2028 growing at a CAGR of 8.8% during the forecast period. The rising awareness of wastewater management, growing population and rapid urbanization in the Asian countries and growing demand for enhanced oil recovery are the major factors driving the market growth. However, alternative water treatment technologies and volatility of raw material price is restraining the market growth.

Polyacrylamide, also known as polymerized acrylamide, is formed by the synthesis of acrylamide subunits. Polyacrylamide finds a wide range of applications in water treatment plants and paper manufacturing units. Also, its biocompatibility and protein resistance properties have increased its application in drug delivery and the biomedical field. Polyacrylamides are either synthesized by the cross-linked form or in a single linear chain structure. In the cross-linked form, the monomer is reduced into the simplest form, which makes the material water absorbent. Its properties help to stabilize the soil structure. The presence of polyacrylamides reduces soil erosion and water usage, making the soil favorable for cultivation. The high absorption of water reduces crop damage as the soil dries up quickly in case of heavy rainfall.

Based on end user, the oil & gas segment is estimated to have a lucrative growth as the product improves the oil recovery efficiency. In addition, it is used in drilling muds and fracturing fluid additives. The use of polyacrylamide can adjust the drilling fluidity, carry shale debris, lubricate the drill bit, and control fluid loss.

By geography, North America is going to have high growth during forecast period due to demand for the product by the water treatment application, which accounts for over 50% of the overall demand. Stringent regulatory actions against waste-water disposal, coupled with rising concerns regarding the environment in the region, are expected to

drive water treatment activities in the region, which in turn, are likely to have a positive impact on the industry growth.

Some of the key players profiled in the Polyacrylamide Market include Anhui Jucheng Fine Chemical Co Ltd (CJCC), Anhui Tianrun, Ashland Inc, BASF SE, Black Rose Industries Ltd, China National Petroleum Corporation (CNPC), Daqing Zhonglan Petrochemical Co Ltd,

Dongying Kechuang Biochemical Industrial Co Ltd, Kemira OYJ, Shandong Polymer Biochemicals Co Ltd, SINOPECSNF Group, Xitao Polymer Co Ltd Company.

Types Covered:

Ionic Nature

Polymer Structure

Products Covered:

Amphoteric Polyacrylamide (PAM-CA)

Anionic Polyacrylamide (APAM)

Cationic Polyacrylamide (CPAM)

Non-Ionic Polyacrylamide

Other Products

Physical Forms Covered:

Gel

Emulsion/Dispersions

Liquid

Powder

Productions Process Covered:

Copper Catalyst-based

Microbial Enzyme-based

Manufacturing Safe Contact Lenses Covered:

Soil Conditioner

Binder in Skin Lotions

Applications Covered:

Binder in Skin Lotions

Binders and Stabilizers in Cosmetics

Enhanced Oil Recovery

Flocculants for Water Treatment

Manufacturing Safe Contact Lenses

Shale Gas

Soil Conditioner

Other Applications

End Users Covered:

Chemical and Bio-Medical Industries

Coal Mining

Cosmetics

Mining

Municipal & Commercial

Oil and Gas

Paper Making

Petroleum

Pulp and Paper

Water Treatment

Sales Channels Covered:

Manufacturer/Distributor/Service Provider

Aftermarket

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years (2019, 2020, 2021, 2025, and 2028)

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Note- Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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