

## **Water-Soluble Polymer Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 150 pages | Mordor Intelligence

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### **Report description:**

The water-soluble polymer market was valued at more than USD 30,500 million in 2021, and it is expected to register a CAGR of over 5% during the forecast period (2023 - 2028).

The COVID-19 pandemic affected the water-soluble polymer market negatively; however, the market has been estimated to have reached pre-pandemic levels.

The factors driving the growth of the market are the growing shale gas industry in North America and the water treatment industry in the Asia-Pacific region.

The Asia-Pacific region dominated the global market, and it is projected to register the highest CAGR during the forecast period.

The increasing demand for bio-based acrylamide and the growing application in the pharmaceutical industry are likely to provide numerous opportunities for manufacturers in the future.

### **Water-soluble Polymer Market Trends**

#### **The Water Treatment Industry is Expected to Dominate the Market**

Water treatment serves a wide range of purposes, which includes meeting requirements for agricultural, medical, household, pharmacological, chemical, and industrial applications.

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Flocculants are substances that promote the clumping of destabilized particles, which are obtained after being treated with coagulants. The coagulants neutralize the charge on colloidal particles responsible for keeping them apart.

Water-soluble polymer flocculants are important constituents of solid-liquid separation units for the treatment of process-affected effluents. They are long-chain water-soluble polymers used to separate non-settling fine solids from aqueous suspensions.

Water-soluble polymers are used in mineral processing, industrial and municipal wastewater treatment, oil sands tailings dewatering, paper making, and biotechnology.

Asia-Pacific accounted for a major share of the water and wastewater treatment market due to the high demand from countries like China, India, and Japan. The water and wastewater sector in the region is one of the largest globally.

In India, various companies, such as Suez, Abengoa, and SPML Infra, are investing in water treatment projects. The investment opportunities in the water industry are expected to increase to USD 130 billion by 2030.

Based on the aforementioned factors, the water treatment industry is expected to dominate the market during the forecast period.

China is Expected to Dominate the Asia-Pacific Market

Water treatment is one of the largest application industries for water-soluble polymers in China. China's water treatment industry has been consistently growing due to the government's focus on the availability of freshwater and water pollution (wastewater treatment).

Under the 13th Five-year plan, the country has spent more than CNY 559 billion on its water treatment industry, which is about 0.75% of the country's total GDP. This has increased the demand for water-soluble polymers in the country.

Pharmaceuticals is another major end-user industry for water-soluble polymers in the country. In the recent past, Chinese pharmaceutical manufacturers have largely concentrated on the production of basic chemicals, intermediates, and active pharmaceutical ingredients (APIs). Hence, in a short period of time, China has become the leading global supplier of APIs in terms of volume.

Recently, Chinese pharmaceutical manufacturers have become focused on developing and producing finished pharmaceutical products, primarily to serve the local market. However, the pharmaceutical industry is poised for high growth during the forecast period, with the government's push with policy reforms in line with the Made in China 2025 industrial plan.

Based on the aforementioned aspects, China is expected to dominate the Asia-Pacific region.

Water-soluble Polymer Market Competitor Analysis

The water-soluble polymer market is fragmented in nature, with the presence of many players accounting for a less share in the market. Some of the major players in the market studied (in no particular order) include SNF Group, Ashland, DuPont, CP Kelco US Inc., and Arkema Group, among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format

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