

# Global Polymeric Adsorbents Market Size study & Forecast, by Type (Aromatic, Modified aromatic, Methacrylic, Phenol formaldehyde), by End Use Industry (Pharmaceutical, Food & Beverage, Industrial, Others) and Regional Analysis, 2023-2030

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## Abstracts

Global Polymeric Adsorbents Market is valued at approximately USD 123.22 million in 2022 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2023-2030. Polymeric adsorbents are polymer-based materials that can adsorb, capture and retain particular compounds from a fluid or gas phase. These adsorbents are intended for use in chromatography, water purification, and a variety of separation procedures. The Polymeric Adsorbents Market is expanding because of factors such as rapid industrialization, urban development and growing demand for wastewater treatment. The polymer matrix provides a high surface area and various functional groups that can interact with and capture specific target molecules. As a result, the demand for Polymeric Adsorbents has progressively increased in the international market during the forecast period 2023-2030.

Rapid industrialization and urban development often lead to growing urban populations and lead to increased wastewater generation. Polymeric adsorbents play a crucial role in municipal water treatment plants for removing impurities and ensuring safe drinking water. According to Statista, the global rate of urbanization accounts 57% in 2022. North America had the highest amount of urbanization, with more than four fifths of the population living in urban areas. Furthermore, in 2020, cities and urban areas inhabited around 82.66% of the overall population in the United States. Another important factor that drives the Polymeric Adsorbents Market is increasing volatility in raw material prices and the high cost associated with polymeric adsorbents. Polymeric adsorbents help industries comply with regulations by providing an efficient and reliable means of

reducing pollutant concentrations in wastewater before discharge. In addition, as per Statista, the global water and wastewater treatment market was valued at USD 301.7 billion in 2022. The market is projected to reach a value of approximately USD 536.4 billion by 2030, registering a CAGR of 7.5% during the forecast period of 2023 to 2030 period. Moreover, the rising use of polymer adsorbents in the pharmaceutical industry and growing awareness and concerns about environmental pollution are anticipated to create lucrative growth opportunities for the market over the forecast period. However, the high cost of Polymeric Adsorbents is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Polymeric Adsorbents Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the advanced healthcare in the region. These adsorbents contribute to the production of high-purity pharmaceuticals, ensuring the safety and efficacy of medications. The region's dominant performance is anticipated to propel the overall demand for Polymeric Adsorbents. Furthermore, Asia Pacific is expected to grow fastest over the forecast period, owing to factors such as stringent regulations and environmental concerns in the region. Stringent environmental regulations have encouraged the development and adoption of polymeric adsorbents in various industrial processes. Balancing their advantages with challenges and ensuring their compliance with sustainability goals is essential for their continued use and evolution in environmental applications.

Major market player included in this report are:

DuPont de Nemours, Inc  
Mitsubishi Chemical Corporation  
Purolite Corporation  
Chemra GmbH  
Sunresin New Materials Co. Ltd  
Lanxess AG  
Thermax Limited  
Amicogen Inc  
Shanghai Bairy Technology Co.,Ltd  
Ajinomoto Fine-Techno Co., Inc

Recent Developments in the Market:

In September 2023, LANXESS, a specialty chemicals company, has innovated a novel mixed-bed resin designed for the production of ultra-pure water in semiconductor

manufacturing. The recently introduced UltraPure 1296 MD PLUS outperforms the existing Lewatit UltraPure 1296 MD mixed bed by featuring significantly reduced levels of metals, including iron, zinc, and sodium.

Global Polymeric Adsorbents Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, End Use Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Aromatic (crosslinked polystyrenic matrix)

Modified aromatic (brominated aromatic matrix)

Methacrylic (methacrylic ester copolymer)

Phenol formaldehyde

By End Use Industry

Pharmaceutical

Food & Beverage

Industrial

Others

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East &amp; Africa

Saudi Arabia

South Africa

Rest of Middle East &amp; Africa

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