

# Global Synthetic Zeolite Y Adsorbent Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

Synthetic zeolite Y adsorbent is a synthetic zeolite material with large pore size, high specific surface area and high adsorption performance. It is mainly composed of a skeletal structure consisting of silica-oxygen tetrahedra and aluminium-oxygen hexahedra with a regular pore system. Synthetic zeolite Y adsorbent is usually used in industrial processes such as separation, purification and catalysis of gases and liquids, such as automobile exhaust purification, petrochemical industry, environmental protection and other fields. Due to their excellent adsorption properties and chemical stability, synthetic zeolite Y adsorbents have a wide range of applications in industry.

According to our (Global Info Research) latest study, the global Synthetic Zeolite Y Adsorbent market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

Global sales of synthetic Y-zeolite adsorbents grew at a CAGR of 2.8% from 2019 to 2023. The market was valued at USD 1,208.4 million in 2023. The global synthetic Y-zeolite adsorbents market is projected to expand more than 1.5 times by 2034 and is expected to grow at a CAGR of 1.4% compared to the historical CAGR. This is due to the growing demand for gas separation and purification in a wide range of applications such as oxygen (O<sub>2</sub>) enrichment and carbon dioxide (CO<sub>2</sub>) separation.

This report is a detailed and comprehensive analysis for global Synthetic Zeolite Y Adsorbent market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets.

Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

#### Key Features:

Global Synthetic Zeolite Y Adsorbent market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Synthetic Zeolite Y Adsorbent market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Synthetic Zeolite Y Adsorbent market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global Synthetic Zeolite Y Adsorbent market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2019-2024

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Synthetic Zeolite Y Adsorbent

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Synthetic Zeolite Y Adsorbent market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TOSOH Corporation, Clariant, Arkema, Ecovyst, W.R. Grace, Honeywell, CPH Group, PQ Corp, Jalon Micro-Nano, Albemarle Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Synthetic Zeolite Y Adsorbent market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Hydrothermal Synthesis

Ion Exchange Method

Steam-assisted Crystallization

### Market segment by Application

Water Treatment

Nuclear Waste Treatment

Gas Separation and Purification

VOC Treatment

Other

### Major players covered

TOSOH Corporation

Clariant

Arkema

Ecovyst

W.R. Grace

Honeywell

CPH Group

PQ Corp

Jalon Micro-Nano

Albemarle Corporation

BASF SE

Spectrum Chemical

KNT Group

KMI Zeolite

Silkem

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Synthetic Zeolite Y Adsorbent product scope, market overview,

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market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Synthetic Zeolite Y Adsorbent, with price, sales quantity, revenue, and global market share of Synthetic Zeolite Y Adsorbent from 2019 to 2024.

Chapter 3, the Synthetic Zeolite Y Adsorbent competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Synthetic Zeolite Y Adsorbent breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Synthetic Zeolite Y Adsorbent market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Synthetic Zeolite Y Adsorbent.

Chapter 14 and 15, to describe Synthetic Zeolite Y Adsorbent sales channel, distributors, customers, research findings and conclusion.

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