

Global 13X Type Molecular Sieve Raw Powder Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G24D2E0DC9FBEN.html>

Date: June 2026

Pages: 147

Price: US\$ 4,480.00 (Single User License)

ID: G24D2E0DC9FBEN

Abstracts

The global 13X Type Molecular Sieve Raw Powder market size is expected to reach \$ 1056 million by 2032, rising at a market growth of 5.3% CAGR during the forecast period (2026-2032).

13X type molecular sieve raw powder is a high silicon aluminum ratio large pore size zeolite material raw powder formed by further expanding and optimizing the sodium type A-type skeleton. It belongs to the FAU structure molecular sieve of the cubic crystal system, with a crystal pore size of about 0.8 to 1.0 nanometers, and has strong adsorption capacity and selectivity. It is commonly used in gas deep drying, air separation pretreatment, carbon dioxide and sulfide adsorption, VOCs purification, and hydrocarbon separation in the petrochemical industry. As the 'raw powder' form, it is usually the basic raw material for subsequent shaping into strip-shaped, spherical, or extruded particle molecular sieves, which has a decisive impact on the forming strength, specific surface area, and mass transfer performance. In 2025, global 13X Type Molecular Sieve Raw Powder production reached approximately 376 K MT, with an average global market price of around US\$ 1,897 per MT.

The demand for 13X molecular sieve raw powder is mainly driven by industrial gas purification, upgrading of air separation units, strengthening of environmental governance, and expansion of natural gas and petrochemical processing, showing a steady growth trend overall. Among them, high-end applications pay more attention to low dust, high crystallinity, and high sodium exchange products. In terms of competitive landscape, the industry concentration is relatively high, with top enterprises occupying the main share based on their process control capabilities and scale production advantages, while small and medium-sized manufacturers are more concentrated in the mid to low end or regional markets. The future market growth points mainly come from

the expansion of carbon capture and emission reduction related applications, as well as the demand for replacement and upgrading of high-performance adsorption materials in the field of fine chemical separation.

This report studies the global 13X Type Molecular Sieve Raw Powder production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 13X Type Molecular Sieve Raw Powder and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of 13X Type Molecular Sieve Raw Powder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 13X Type Molecular Sieve Raw Powder total production and demand, 2021-2032, (Kilotons)

Global 13X Type Molecular Sieve Raw Powder total production value, 2021-2032, (USD Million)

Global 13X Type Molecular Sieve Raw Powder production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global 13X Type Molecular Sieve Raw Powder consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: 13X Type Molecular Sieve Raw Powder domestic production, consumption, key domestic manufacturers and share

Global 13X Type Molecular Sieve Raw Powder production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global 13X Type Molecular Sieve Raw Powder production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global 13X Type Molecular Sieve Raw Powder production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global 13X Type Molecular Sieve Raw Powder market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include UOP, Arkema, Zeochem, Tosoh Corporation, W.R. Grace, CWK Chemiewerk, Kstritz GmbH, Nedex, Sorbead India, Wisesorbent Technology, Silkem, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 13X Type Molecular Sieve Raw Powder market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global 13X Type Molecular Sieve Raw Powder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 13X Type Molecular Sieve Raw Powder Market, Segmentation by Type:

Conventional Type

Air Separation Dedicated Type

High Adsorption Air Separation Type

Global 13X Type Molecular Sieve Raw Powder Market, Segmentation by Ion Exchange:

Nax (Sodium Type)

Cax (Calcium Type)

Global 13X Type Molecular Sieve Raw Powder Market, Segmentation by Functional:

Gas Separation Type

Environmentally Friendly Adsorption Type

Global 13X Type Molecular Sieve Raw Powder Market, Segmentation by Application:

Cracked Gas Desulfurization

Natural Gas Drying And Desulfurization

Liquid Hydrocarbon Drying And Desulfurization

Air Separation Dehydration

Others

Companies Profiled:

UOP

Arkema

Zeochem

Tosoh Corporation

W.R. Grace

CWK Chemiewerk Ba??d K?stritz GmbH

Nedex

Sorbead India

Wisesorbent Technology

Silkem

Dalian Haixin Chemical

Luoyang Jalon Micro-nano New Materials

Shanghai Jiuzhou

Zhengzhou Snowmountain Industrial

Shanghai Hengye Molecular Sieve

Shijiazhuang Jianda High-Tech Chemical

Key Questions Answered:

1. How big is the global 13X Type Molecular Sieve Raw Powder market?
2. What is the demand of the global 13X Type Molecular Sieve Raw Powder market?
3. What is the year over year growth of the global 13X Type Molecular Sieve Raw Powder market?
4. What is the production and production value of the global 13X Type Molecular Sieve Raw Powder market?
5. Who are the key producers in the global 13X Type Molecular Sieve Raw Powder market?
6. What are the growth factors driving the market demand?

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