

Global 13X Molecular Sieve for Air Separation Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global 13X Molecular Sieve for Air Separation market size is expected to reach \$ 155 million by 2032, rising at a market growth of 3.5% CAGR during the forecast period (2026-2032).

13X molecular sieve for air separation is a synthetic sodium-type X-crystal structure aluminosilicate adsorbent with a uniform pore size of 10A. Its main function is to deeply purify the raw gas in air separation units, efficiently removing water and carbon dioxide simultaneously, preventing ice formation in low-temperature equipment (freezing towers), and ensuring the smooth operation of the cryogenic air separation process. Its upstream supply chain includes basic chemical raw materials and equipment, mainly comprising sodium silicate (water glass), aluminum hydroxide, sodium aluminate, and other synthetic raw materials, as well as core production equipment such as reactors and calcination furnaces.

In 2025, the global sales volume is estimated to be approximately 48,783 tons, with an average market price of approximately US\$2,430 per ton. The industry's gross profit margin is in the range of 15%-30%.

This report studies the global 13X Molecular Sieve for Air Separation production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 13X Molecular Sieve for Air Separation 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 Molecular Sieve for Air Separation that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 13X Molecular Sieve for Air Separation total production and demand, 2021-2032, (Kilotons)

Global 13X Molecular Sieve for Air Separation total production value, 2021-2032, (USD

Million)

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

Global 13X Molecular Sieve for Air Separation consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: 13X Molecular Sieve for Air Separation domestic production, consumption, key domestic manufacturers and share

Global 13X Molecular Sieve for Air Separation production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

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

Global 13X Molecular Sieve for Air Separation production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global 13X Molecular Sieve for Air Separation 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 Honeywell UOP, Arkema, Tosoh, W.R. Grace, Zeochem, CWK, BASF, Zeolites & Allied, Luoyang Jianlong Chemical, Haixin Chemical, 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 Molecular Sieve for Air Separation 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 Molecular Sieve for Air Separation Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 13X Molecular Sieve for Air Separation Market, Segmentation by Type:

1.6?2.5 mm

2.5?5.0 mm

Other

Global 13X Molecular Sieve for Air Separation Market, Segmentation by Process:

Cryogenic Air Separation

Non-Cryogenic Air Separation

Global 13X Molecular Sieve for Air Separation Market, Segmentation by Application:

Gas Purification

Natural Gas Desulfurization

Others

Companies Profiled:

Honeywell UOP

Arkema

Tosoh

W.R. Grace

Zeochem

CWK

BASF

Zeolites & Allied

Luoyang Jianlong Chemical

Haixin Chemical

Shanghai Hengye

Fulong New Materials

Shanghai Jiu-Zhou Chemical

Key Questions Answered:

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

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