

Molecular Sieve Adsorbents Industry Research Report 2024

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Abstracts

Summary

From a narrow sense, the molecular sieve is a crystalline silicate or silicoaluminate, formed by a silicon-oxygen tetrahedron or an aluminum-oxygen tetrahedron connected by an oxygen-bridge bond. From the broad sense, there are regular and uniform pores in the structure, the aperture of which is an order of magnitude of the size of the molecule. It only allows molecules with a diameter smaller than the aperture to enter, so the molecules in the mixture can be screened by size. Molecular sieve industry technology is relatively mature, low - end product entry threshold is relatively low. The key technologies are controlled by UOP, a subsidiary of Honeywell in the US, CECA, a subsidiary of Arkema in France, Tosoh in Japan and Grace in the US. Meanwhile, the high-end product field is almost occupied by these leading multinational companies. China has a large number of enterprises, but the overall relatively scattered scale is not high. Domestic large scale such as Dalian Haixin Chemical Co., Ltd., Luoyang Jianlong Chemical Co., Ltd., Shanghai Hengye Chemical Co., Ltd., etc., in more than 50 domestic production enterprises in a relatively leading position. In terms of market demand, it has maintained a steady growth in recent years. With the recovery of the global economy, especially the economic growth in the United States, and the rapid economic growth in China, India and other countries, the molecular sieve industry will maintain the current growth momentum in the future. After years of development, with the improvement of network information transparency, the market of molecular sieve industry in China has realized full competition, and has formed industrial clusters according to traffic, resources and other factors, to achieve high cost saving. On the whole, China's molecular sieve industry is a small industry with a total capacity of about 140,000 tons, an annual output of about 100,000 tons and an annual output value of about 200 million U.S. dollars. Domestic enterprises are relatively dispersed, the

products are mainly medium and low-end products, but the domestic demand is large, UOP has established a production base in China as early as possible, and expanded the production capacity in the Shanghai base in 2006. Other multinationals may also set up production bases or joint ventures in China in the future. In recent years, with the domestic environmental protection is becoming more and more strict supervision and inspection measures, a large number of small plant elimination closure, lead to decreasing of production enterprises, facing a shortage of supply, leading to domestic product price is on the rise, remaining enterprises gross margin improved, showing a strong stronger, in the coming years, product prices and gross margin is expected to continue to maintain strong, domestic will emerge a batch of mature and stable product quality excellent enterprise, its place in the international market.

According to APO Research, The global Molecular Sieve Adsorbents market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Molecular Sieve Adsorbents is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Molecular Sieve Adsorbents is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Molecular Sieve Adsorbents is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Molecular Sieve Adsorbents include , etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Molecular Sieve Adsorbents, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Molecular Sieve Adsorbents.

The report will help the Molecular Sieve Adsorbents manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Molecular Sieve Adsorbents market size, estimations, and forecasts are provided in terms of sales volume (K MT) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Molecular Sieve Adsorbents market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

UOP (Honeywell)

CECA (Arkema)

Tosoh

Grace

Zeochem AG

CWK

KNT

Zeolites & Allied Products

Haixin Chemical

Shanghai Hengye

Fulong New Materials

Pingxiang Xintao

Zhengzhou Snow

Luoyang Jianlong Chemical

Henan Huanyu Molecular Sieve

Shanghai Jiu-Zhou Chemical

Anhui Mingmei Minchem

Shanghai Zeolite Molecular Sieve

Zhongbao Molecular Sieve

Shanghai Luqiang New Materials Co.,Ltd.

BASF

Molecular Sieve Adsorbents segment by Type

3A

4A

5A

Type X

Other

Molecular Sieve Adsorbents segment by Application

Air Separation

Petroleum Refining

Petrochemicals

Refrigerants

Natural Gas

Molecular Sieve Adsorbents Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the

readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Molecular Sieve Adsorbents market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Molecular Sieve Adsorbents and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Molecular Sieve Adsorbents.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Molecular Sieve Adsorbents manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Molecular Sieve Adsorbents by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Molecular Sieve Adsorbents in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

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