

Global Molecular Sieve for Air Separation Market Growth 2022-2028

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Abstracts

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Molecular Sieve are crystalline, highly porous materials, which belong to the class of aluminosilicates and are available in the form of beads, pellets and powder. These crystals are characterised by a three-dimensional pore system, with pores of precisely defined diameter. The corresponding crystallographic structure is formed by tetrahedras of (AlO₄) and (SiO₄).

The global market for Molecular Sieve for Air Separation is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

Zeolite adsorbents for air separation and other industrial gas plants help improve process economics. The high adsorption capacity and selectivity of these adsorbents can reduce capital and operating costs for plants producing high purity gases such as O₂, N₂, H₂ and CO.

Report Coverage

This latest report provides a deep insight into the global Molecular Sieve for Air Separation market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Molecular Sieve for Air Separation market, with both quantitative and qualitative data, to help readers understand how the Molecular Sieve for Air Separation market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the Molecular Sieve for Air Separation market and forecasts the market size by Type (3A, 4A and 5A), by Application (Air Purification, Nitrogen-Oxygen Separation and Others,), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

3A

4A

5A

TypeX

Others

Segmentation by application

Air Purification

Nitrogen-Oxygen Separation

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Honeywell UOP

Arkema

Tosoh

W.R. Grace

Zeochem

Chemiewerk Bad K^ostritz GmbH

BASF

KNT Group

Zeolites & Allied

Luoyang Jianlong Chemical

Haixin Chemical

Shanghai Hengye

Fulong New Materials

Pingxiang Xintao

Zhengzhou Snow

Henan Huanyu Molecular Sieve

Shanghai Jiu-Zhou Chemical

Anhui Mingmei Minchem

Shanghai Zeolite Molecular Sieve

Shanghai Lvqiang New Material

Chapter Introduction

Chapter 1: Scope of Molecular Sieve for Air Separation, Research Methodology, etc.

Chapter 2: Executive Summary, global Molecular Sieve for Air Separation market size (sales and revenue) and CAGR, Molecular Sieve for Air Separation market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Molecular Sieve for Air Separation sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Molecular Sieve for Air Separation sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Molecular Sieve for Air Separation market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Honeywell UOP, Arkema, Tosoh, W.R. Grace, Zeochem, Chemiewerk Bad K^ostritz GmbH, BASF, KNT Group and Zeolites & Allied, etc.

Chapter 14: Research Findings and Conclusion

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