

# Global Zeolite Membrane Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Zeolite Membrane market size will reach 78.18 Million USD in 2025 and is projected to reach 297.75 Million USD by 2032, with a CAGR of 21.05% (2025-2032). Notably, the China Zeolite Membrane market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Zeolite membranes are thin, selective barriers made from zeolite crystals or zeolite-containing materials. These membranes are designed to separate molecules based on their size, shape, and polarity, allowing for precise filtration and separation processes in various industries. Zeolite membranes are particularly useful in gas separation and purification applications, such as separating hydrogen from gas mixtures in fuel cells or refining processes, separating carbon dioxide from natural gas or flue gases in environmental applications, and purifying air and industrial gases. Their high selectivity and permeability make zeolite membranes attractive for use in energy production, environmental protection, and chemical processing industries where precise separation and purification are crucial. Ongoing research and development aim to improve zeolite membrane performance and expand their applications in different fields.

The major global manufacturers of Zeolite Membrane include Mitsubishi Chemical(Mitsui E&S Group), Hitachi Zosen Corporation, Kiriya Glass Works, Fraunhofer IKTS, Jiangsu Nine Heaven Hi-Tech, Dalian HST Technology, NGK

INSULATORS, Mitsui E&S Group, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Zeolite Membrane. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Zeolite Membrane market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Zeolite Membrane market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Zeolite Membrane industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Zeolite Membrane Include:

Mitsubishi Chemical(Mitsui E&S Group)

Hitachi Zosen Corporation

Kiriyama Glass Works

Fraunhofer IKTS

Jiangsu Nine Heaven Hi-Tech

Dalian HST Technology

NGK INSULATORS

Mitsui E&S Group

Zeolite Membrane Product Segment Include:

NaA

CHA

Others

Zeolite Membrane Product Application Include:

Solvent Dehydration

Bioethanol Process

Others

## **Chapter Scope**

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