

Global Silica-based Zeolite Membrane Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/S7F8F6149845EN.html>

Date: September 2025

Pages: 99

Price: US\$ 3,132.00 (Single User License)

ID: S7F8F6149845EN

Abstracts

According to our (Global Info Research) latest study, the global Silica-based Zeolite Membrane market size was valued at US\$ 71.5 million in 2024 and is forecast to a readjusted size of USD 130 million by 2031 with a CAGR of 8.8% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A silica-based zeolite membrane, also known as a zeolite membrane, is a synthetic membrane made from crystalline aluminosilicate materials composed primarily of silicon, aluminum, and oxygen, with charge-balancing cations such as Na⁺ and Ca²⁺. These membranes feature a well-defined microporous structure, enabling selective separation of molecules based on size, shape, and polarity. As a low-energy separation technology, silica-based zeolite membranes offer significant advantages over conventional separation methods, such as distillation or adsorption, by providing high selectivity and permeability with reduced energy consumption.

From the regional perspective, Asia-Pacific is the world's leading consumption region, market sales revenue in 2024 was US\$ 33.52 million, accounting for 48.21% of the global market. It is expected to reach US\$ 65.35 million in 2031, the global market share will reach 50.96%.

From the perspective of product type, silica-based zeolite membrane is mainly divided into CHA, NaA and Others. The sales of NaA was US\$ 42.78 million in 2024, and the market share reached 61.53%.

As Silica-based Zeolite Membranes are not yet widely used commercially, there are fewer market players, currently Mitsubishi Chemical, Kanadevia Corporation, Pervatech, Fraunhofer IKTS, Dalian HST Technology etc. In 2024, the global top three players had a share approximately 65.74% in terms of revenue.

This report is a detailed and comprehensive analysis for global Silica-based Zeolite Membrane market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Silica-based Zeolite Membrane market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Silica-based Zeolite Membrane market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Silica-based Zeolite Membrane market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Silica-based Zeolite Membrane market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pc), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Silica-based Zeolite Membrane
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Silica-based Zeolite Membrane market based on the following parameters - company overview, sales quantity, revenue, price,

gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Chemical, Kanadevia Corporation, Fraunhofer IKTS, Pervatech, Dalian HST Technology, Jiangsu Nine Heaven Hi-Tech, Zhejiang Hymater New Materials, Ningbo Sepway Membrane, etc.

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

Market Segmentation

Silica-based Zeolite Membrane market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

NaA

CHA

Others

Market segment by Application

Gas Separation and Purification

Liquid Separation

Catalytic and Membrane Reactors

Others

Major players covered

Mitsubishi Chemical

Kanadevia Corporation

Fraunhofer IKTS

Pervatech

Dalian HST Technology

Jiangsu Nine Heaven Hi-Tech

Zhejiang Hymater New Materials

Ningbo Sepway Membrane

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Silica-based Zeolite Membrane product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Silica-based Zeolite Membrane, with price, sales quantity, revenue, and global market share of Silica-based Zeolite Membrane from 2020 to 2025.

Chapter 3, the Silica-based Zeolite Membrane competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Silica-based Zeolite Membrane breakdown data are shown at the

regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Silica-based Zeolite Membrane market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Silica-based Zeolite Membrane.

Chapter 14 and 15, to describe Silica-based Zeolite Membrane sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Silica-based Zeolite Membrane Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 NaA

1.3.3 CHA

1.3.4 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Silica-based Zeolite Membrane Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Gas Separation and Purification

1.4.3 Liquid Separation

1.4.4 Catalytic and Membrane Reactors

1.4.5 Others

1.5 Global Silica-based Zeolite Membrane Market Size & Forecast

1.5.1 Global Silica-based Zeolite Membrane Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Silica-based Zeolite Membrane Sales Quantity (2020-2031)

1.5.3 Global Silica-based Zeolite Membrane Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Mitsubishi Chemical

2.1.1 Mitsubishi Chemical Details

2.1.2 Mitsubishi Chemical Major Business

2.1.3 Mitsubishi Chemical Silica-based Zeolite Membrane Product and Services

2.1.4 Mitsubishi Chemical Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Mitsubishi Chemical Recent Developments/Updates

2.2 Kanadevia Corporation

2.2.1 Kanadevia Corporation Details

2.2.2 Kanadevia Corporation Major Business

2.2.3 Kanadevia Corporation Silica-based Zeolite Membrane Product and Services

2.2.4 Kanadevia Corporation Silica-based Zeolite Membrane Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Kanadevia Corporation Recent Developments/Updates

2.3 Fraunhofer IKTS

2.3.1 Fraunhofer IKTS Details

2.3.2 Fraunhofer IKTS Major Business

2.3.3 Fraunhofer IKTS Silica-based Zeolite Membrane Product and Services

2.3.4 Fraunhofer IKTS Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Fraunhofer IKTS Recent Developments/Updates

2.4 Pervatech

2.4.1 Pervatech Details

2.4.2 Pervatech Major Business

2.4.3 Pervatech Silica-based Zeolite Membrane Product and Services

2.4.4 Pervatech Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Pervatech Recent Developments/Updates

2.5 Dalian HST Technology

2.5.1 Dalian HST Technology Details

2.5.2 Dalian HST Technology Major Business

2.5.3 Dalian HST Technology Silica-based Zeolite Membrane Product and Services

2.5.4 Dalian HST Technology Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Dalian HST Technology Recent Developments/Updates

2.6 Jiangsu Nine Heaven Hi-Tech

2.6.1 Jiangsu Nine Heaven Hi-Tech Details

2.6.2 Jiangsu Nine Heaven Hi-Tech Major Business

2.6.3 Jiangsu Nine Heaven Hi-Tech Silica-based Zeolite Membrane Product and Services

2.6.4 Jiangsu Nine Heaven Hi-Tech Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Jiangsu Nine Heaven Hi-Tech Recent Developments/Updates

2.7 Zhejiang Hymater New Materials

2.7.1 Zhejiang Hymater New Materials Details

2.7.2 Zhejiang Hymater New Materials Major Business

2.7.3 Zhejiang Hymater New Materials Silica-based Zeolite Membrane Product and Services

2.7.4 Zhejiang Hymater New Materials Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Zhejiang Hymater New Materials Recent Developments/Updates

2.8 Ningbo Sepway Membrane

2.8.1 Ningbo Sepway Membrane Details

2.8.2 Ningbo Sepway Membrane Major Business

2.8.3 Ningbo Sepway Membrane Silica-based Zeolite Membrane Product and Services

2.8.4 Ningbo Sepway Membrane Silica-based Zeolite Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 Ningbo Sepway Membrane Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SILICA-BASED ZEOLITE MEMBRANE BY MANUFACTURER

3.1 Global Silica-based Zeolite Membrane Sales Quantity by Manufacturer (2020-2025)

3.2 Global Silica-based Zeolite Membrane Revenue by Manufacturer (2020-2025)

3.3 Global Silica-based Zeolite Membrane Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Silica-based Zeolite Membrane by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Silica-based Zeolite Membrane Manufacturer Market Share in 2024

3.4.3 Top 6 Silica-based Zeolite Membrane Manufacturer Market Share in 2024

3.5 Silica-based Zeolite Membrane Market: Overall Company Footprint Analysis

3.5.1 Silica-based Zeolite Membrane Market: Region Footprint

3.5.2 Silica-based Zeolite Membrane Market: Company Product Type Footprint

3.5.3 Silica-based Zeolite Membrane Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Silica-based Zeolite Membrane Market Size by Region

4.1.1 Global Silica-based Zeolite Membrane Sales Quantity by Region (2020-2031)

4.1.2 Global Silica-based Zeolite Membrane Consumption Value by Region (2020-2031)

4.1.3 Global Silica-based Zeolite Membrane Average Price by Region (2020-2031)

4.2 North America Silica-based Zeolite Membrane Consumption Value (2020-2031)

4.3 Europe Silica-based Zeolite Membrane Consumption Value (2020-2031)

4.4 Asia-Pacific Silica-based Zeolite Membrane Consumption Value (2020-2031)

4.5 South America Silica-based Zeolite Membrane Consumption Value (2020-2031)

4.6 Middle East & Africa Silica-based Zeolite Membrane Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)
- 5.2 Global Silica-based Zeolite Membrane Consumption Value by Type (2020-2031)
- 5.3 Global Silica-based Zeolite Membrane Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Silica-based Zeolite Membrane Sales Quantity by Application (2020-2031)
- 6.2 Global Silica-based Zeolite Membrane Consumption Value by Application (2020-2031)
- 6.3 Global Silica-based Zeolite Membrane Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)
- 7.2 North America Silica-based Zeolite Membrane Sales Quantity by Application (2020-2031)
- 7.3 North America Silica-based Zeolite Membrane Market Size by Country
 - 7.3.1 North America Silica-based Zeolite Membrane Sales Quantity by Country (2020-2031)
 - 7.3.2 North America Silica-based Zeolite Membrane Consumption Value by Country (2020-2031)
 - 7.3.3 United States Market Size and Forecast (2020-2031)
 - 7.3.4 Canada Market Size and Forecast (2020-2031)
 - 7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)
- 8.2 Europe Silica-based Zeolite Membrane Sales Quantity by Application (2020-2031)
- 8.3 Europe Silica-based Zeolite Membrane Market Size by Country
 - 8.3.1 Europe Silica-based Zeolite Membrane Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe Silica-based Zeolite Membrane Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)
 - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Silica-based Zeolite Membrane Market Size by Region

9.3.1 Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Silica-based Zeolite Membrane Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)

10.2 South America Silica-based Zeolite Membrane Sales Quantity by Application (2020-2031)

10.3 South America Silica-based Zeolite Membrane Market Size by Country

10.3.1 South America Silica-based Zeolite Membrane Sales Quantity by Country (2020-2031)

10.3.2 South America Silica-based Zeolite Membrane Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Application

(2020-2031)

11.3 Middle East & Africa Silica-based Zeolite Membrane Market Size by Country

11.3.1 Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Country

(2020-2031)

11.3.2 Middle East & Africa Silica-based Zeolite Membrane Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Silica-based Zeolite Membrane Market Drivers

12.2 Silica-based Zeolite Membrane Market Restraints

12.3 Silica-based Zeolite Membrane Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Silica-based Zeolite Membrane and Key Manufacturers

13.2 Manufacturing Costs Percentage of Silica-based Zeolite Membrane

13.3 Silica-based Zeolite Membrane Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Silica-based Zeolite Membrane Typical Distributors

14.3 Silica-based Zeolite Membrane Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Silica-based Zeolite Membrane Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Silica-based Zeolite Membrane Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 4. Mitsubishi Chemical Major Business

Table 5. Mitsubishi Chemical Silica-based Zeolite Membrane Product and Services

Table 6. Mitsubishi Chemical Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Mitsubishi Chemical Recent Developments/Updates

Table 8. Kanadevia Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Kanadevia Corporation Major Business

Table 10. Kanadevia Corporation Silica-based Zeolite Membrane Product and Services

Table 11. Kanadevia Corporation Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Kanadevia Corporation Recent Developments/Updates

Table 13. Fraunhofer IKTS Basic Information, Manufacturing Base and Competitors

Table 14. Fraunhofer IKTS Major Business

Table 15. Fraunhofer IKTS Silica-based Zeolite Membrane Product and Services

Table 16. Fraunhofer IKTS Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Fraunhofer IKTS Recent Developments/Updates

Table 18. Pervatech Basic Information, Manufacturing Base and Competitors

Table 19. Pervatech Major Business

Table 20. Pervatech Silica-based Zeolite Membrane Product and Services

Table 21. Pervatech Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Pervatech Recent Developments/Updates

Table 23. Dalian HST Technology Basic Information, Manufacturing Base and Competitors

Table 24. Dalian HST Technology Major Business

Table 25. Dalian HST Technology Silica-based Zeolite Membrane Product and Services

Table 26. Dalian HST Technology Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Dalian HST Technology Recent Developments/Updates

Table 28. Jiangsu Nine Heaven Hi-Tech Basic Information, Manufacturing Base and Competitors

Table 29. Jiangsu Nine Heaven Hi-Tech Major Business

Table 30. Jiangsu Nine Heaven Hi-Tech Silica-based Zeolite Membrane Product and Services

Table 31. Jiangsu Nine Heaven Hi-Tech Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Jiangsu Nine Heaven Hi-Tech Recent Developments/Updates

Table 33. Zhejiang Hymater New Materials Basic Information, Manufacturing Base and Competitors

Table 34. Zhejiang Hymater New Materials Major Business

Table 35. Zhejiang Hymater New Materials Silica-based Zeolite Membrane Product and Services

Table 36. Zhejiang Hymater New Materials Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Zhejiang Hymater New Materials Recent Developments/Updates

Table 38. Ningbo Sepway Membrane Basic Information, Manufacturing Base and Competitors

Table 39. Ningbo Sepway Membrane Major Business

Table 40. Ningbo Sepway Membrane Silica-based Zeolite Membrane Product and Services

Table 41. Ningbo Sepway Membrane Silica-based Zeolite Membrane Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Ningbo Sepway Membrane Recent Developments/Updates

Table 43. Global Silica-based Zeolite Membrane Sales Quantity by Manufacturer (2020-2025) & (K Pcs)

Table 44. Global Silica-based Zeolite Membrane Revenue by Manufacturer (2020-2025) & (USD Million)

Table 45. Global Silica-based Zeolite Membrane Average Price by Manufacturer (2020-2025) & (US\$/Pc)

Table 46. Market Position of Manufacturers in Silica-based Zeolite Membrane, (Tier 1,

Tier 2, and Tier 3), Based on Revenue in 2024

Table 47. Head Office and Silica-based Zeolite Membrane Production Site of Key Manufacturer

Table 48. Silica-based Zeolite Membrane Market: Company Product Type Footprint

Table 49. Silica-based Zeolite Membrane Market: Company Product Application Footprint

Table 50. Silica-based Zeolite Membrane New Market Entrants and Barriers to Market Entry

Table 51. Silica-based Zeolite Membrane Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Silica-based Zeolite Membrane Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 53. Global Silica-based Zeolite Membrane Sales Quantity by Region (2020-2025) & (K Pcs)

Table 54. Global Silica-based Zeolite Membrane Sales Quantity by Region (2026-2031) & (K Pcs)

Table 55. Global Silica-based Zeolite Membrane Consumption Value by Region (2020-2025) & (USD Million)

Table 56. Global Silica-based Zeolite Membrane Consumption Value by Region (2026-2031) & (USD Million)

Table 57. Global Silica-based Zeolite Membrane Average Price by Region (2020-2025) & (US\$/Pc)

Table 58. Global Silica-based Zeolite Membrane Average Price by Region (2026-2031) & (US\$/Pc)

Table 59. Global Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 60. Global Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 61. Global Silica-based Zeolite Membrane Consumption Value by Type (2020-2025) & (USD Million)

Table 62. Global Silica-based Zeolite Membrane Consumption Value by Type (2026-2031) & (USD Million)

Table 63. Global Silica-based Zeolite Membrane Average Price by Type (2020-2025) & (US\$/Pc)

Table 64. Global Silica-based Zeolite Membrane Average Price by Type (2026-2031) & (US\$/Pc)

Table 65. Global Silica-based Zeolite Membrane Sales Quantity by Application (2020-2025) & (K Pcs)

Table 66. Global Silica-based Zeolite Membrane Sales Quantity by Application

(2026-2031) & (K Pcs)

Table 67. Global Silica-based Zeolite Membrane Consumption Value by Application (2020-2025) & (USD Million)

Table 68. Global Silica-based Zeolite Membrane Consumption Value by Application (2026-2031) & (USD Million)

Table 69. Global Silica-based Zeolite Membrane Average Price by Application (2020-2025) & (US\$/Pc)

Table 70. Global Silica-based Zeolite Membrane Average Price by Application (2026-2031) & (US\$/Pc)

Table 71. North America Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 72. North America Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 73. North America Silica-based Zeolite Membrane Sales Quantity by Application (2020-2025) & (K Pcs)

Table 74. North America Silica-based Zeolite Membrane Sales Quantity by Application (2026-2031) & (K Pcs)

Table 75. North America Silica-based Zeolite Membrane Sales Quantity by Country (2020-2025) & (K Pcs)

Table 76. North America Silica-based Zeolite Membrane Sales Quantity by Country (2026-2031) & (K Pcs)

Table 77. North America Silica-based Zeolite Membrane Consumption Value by Country (2020-2025) & (USD Million)

Table 78. North America Silica-based Zeolite Membrane Consumption Value by Country (2026-2031) & (USD Million)

Table 79. Europe Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 80. Europe Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 81. Europe Silica-based Zeolite Membrane Sales Quantity by Application (2020-2025) & (K Pcs)

Table 82. Europe Silica-based Zeolite Membrane Sales Quantity by Application (2026-2031) & (K Pcs)

Table 83. Europe Silica-based Zeolite Membrane Sales Quantity by Country (2020-2025) & (K Pcs)

Table 84. Europe Silica-based Zeolite Membrane Sales Quantity by Country (2026-2031) & (K Pcs)

Table 85. Europe Silica-based Zeolite Membrane Consumption Value by Country (2020-2025) & (USD Million)

Table 86. Europe Silica-based Zeolite Membrane Consumption Value by Country (2026-2031) & (USD Million)

Table 87. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 88. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 89. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Application (2020-2025) & (K Pcs)

Table 90. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Application (2026-2031) & (K Pcs)

Table 91. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Region (2020-2025) & (K Pcs)

Table 92. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity by Region (2026-2031) & (K Pcs)

Table 93. Asia-Pacific Silica-based Zeolite Membrane Consumption Value by Region (2020-2025) & (USD Million)

Table 94. Asia-Pacific Silica-based Zeolite Membrane Consumption Value by Region (2026-2031) & (USD Million)

Table 95. South America Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 96. South America Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 97. South America Silica-based Zeolite Membrane Sales Quantity by Application (2020-2025) & (K Pcs)

Table 98. South America Silica-based Zeolite Membrane Sales Quantity by Application (2026-2031) & (K Pcs)

Table 99. South America Silica-based Zeolite Membrane Sales Quantity by Country (2020-2025) & (K Pcs)

Table 100. South America Silica-based Zeolite Membrane Sales Quantity by Country (2026-2031) & (K Pcs)

Table 101. South America Silica-based Zeolite Membrane Consumption Value by Country (2020-2025) & (USD Million)

Table 102. South America Silica-based Zeolite Membrane Consumption Value by Country (2026-2031) & (USD Million)

Table 103. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Type (2020-2025) & (K Pcs)

Table 104. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Type (2026-2031) & (K Pcs)

Table 105. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by

Application (2020-2025) & (K Pcs)

Table 106. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Application (2026-2031) & (K Pcs)

Table 107. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Country (2020-2025) & (K Pcs)

Table 108. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity by Country (2026-2031) & (K Pcs)

Table 109. Middle East & Africa Silica-based Zeolite Membrane Consumption Value by Country (2020-2025) & (USD Million)

Table 110. Middle East & Africa Silica-based Zeolite Membrane Consumption Value by Country (2026-2031) & (USD Million)

Table 111. Silica-based Zeolite Membrane Raw Material

Table 112. Key Manufacturers of Silica-based Zeolite Membrane Raw Materials

Table 113. Silica-based Zeolite Membrane Typical Distributors

Table 114. Silica-based Zeolite Membrane Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Silica-based Zeolite Membrane Picture

Figure 2. Global Silica-based Zeolite Membrane Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Silica-based Zeolite Membrane Revenue Market Share by Type in 2024

Figure 4. NaA Examples

Figure 5. CHA Examples

Figure 6. Others Examples

Figure 7. Global Silica-based Zeolite Membrane Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Silica-based Zeolite Membrane Revenue Market Share by Application in 2024

Figure 9. Gas Separation and Purification Examples

Figure 10. Liquid Separation Examples

Figure 11. Catalytic and Membrane Reactors Examples

Figure 12. Others Examples

Figure 13. Global Silica-based Zeolite Membrane Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global Silica-based Zeolite Membrane Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global Silica-based Zeolite Membrane Sales Quantity (2020-2031) & (K Pcs)

Figure 16. Global Silica-based Zeolite Membrane Price (2020-2031) & (US\$/Pc)

Figure 17. Global Silica-based Zeolite Membrane Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global Silica-based Zeolite Membrane Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of Silica-based Zeolite Membrane by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 Silica-based Zeolite Membrane Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 Silica-based Zeolite Membrane Manufacturer (Revenue) Market Share in 2024

Figure 22. Global Silica-based Zeolite Membrane Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global Silica-based Zeolite Membrane Consumption Value Market Share by

Region (2020-2031)

Figure 24. North America Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Silica-based Zeolite Membrane Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Silica-based Zeolite Membrane Average Price by Type (2020-2031) & (US\$/Pc)

Figure 32. Global Silica-based Zeolite Membrane Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Silica-based Zeolite Membrane Revenue Market Share by Application (2020-2031)

Figure 34. Global Silica-based Zeolite Membrane Average Price by Application (2020-2031) & (US\$/Pc)

Figure 35. North America Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Silica-based Zeolite Membrane Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Silica-based Zeolite Membrane Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Silica-based Zeolite Membrane Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Silica-based Zeolite Membrane Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe Silica-based Zeolite Membrane Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Silica-based Zeolite Membrane Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 47. France Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Silica-based Zeolite Membrane Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Silica-based Zeolite Membrane Consumption Value Market Share by Region (2020-2031)

Figure 55. China Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 58. India Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America Silica-based Zeolite Membrane Sales Quantity Market Share

by Application (2020-2031)

Figure 63. South America Silica-based Zeolite Membrane Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Silica-based Zeolite Membrane Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Silica-based Zeolite Membrane Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Silica-based Zeolite Membrane Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Silica-based Zeolite Membrane Consumption Value (2020-2031) & (USD Million)

Figure 75. Silica-based Zeolite Membrane Market Drivers

Figure 76. Silica-based Zeolite Membrane Market Restraints

Figure 77. Silica-based Zeolite Membrane Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Silica-based Zeolite Membrane in 2024

Figure 80. Manufacturing Process Analysis of Silica-based Zeolite Membrane

Figure 81. Silica-based Zeolite Membrane Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Silica-based Zeolite Membrane Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/S7F8F6149845EN.html>

Price: US\$ 3,132.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S7F8F6149845EN.html>