

# Global Zeolite Separation Membrane Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G46FADAB4F0BEN.html>

Date: January 2024

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: G46FADAB4F0BEN

## Abstracts

According to our (Global Info Research) latest study, the global Zeolite Separation Membrane market size was valued at USD 61 million in 2023 and is forecast to a readjusted size of USD 109.1 million by 2030 with a CAGR of 8.7% during review period.

Zeolites – crystals composed of silicon, oxygen and Aluminium – are good filters. Their porous structure can be fashioned into membranes to separate small molecules like water and carbon dioxide from larger ones.

Global key players of zeolite separation membrane include Mitsubishi Chemical (Mitsui E&S Group), Hitachi Zosen Corporation, Jiangsu Nine Heaven Hi-Tech, Fraunhofer IKTS and Dalian HST Technology. The top two players hold a share over 70%. Asia Pacific is the largest market, has a share about 50%, followed by North America and Europe, with share 28% and 20%, separately. In terms of product type, NaA-type Zeolite Separation Membranes is the largest segment, occupied for a share of over 60%, and in terms of application, Solvent Dehydration has a share over 50 percent.

The Global Info Research report includes an overview of the development of the Zeolite Separation Membrane industry chain, the market status of Bioethanol Process (NaA-type Separation Membrane, CHA-type Separation Membrane), Solvent Dehydration (NaA-type Separation Membrane, CHA-type Separation Membrane), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Zeolite Separation Membrane.

Regionally, the report analyzes the Zeolite Separation Membrane markets in key

regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Zeolite Separation Membrane market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Zeolite Separation Membrane market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Zeolite Separation Membrane industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Sqm), revenue generated, and market share of different by Type (e.g., NaA-type Separation Membrane, CHA-type Separation Membrane).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Zeolite Separation Membrane market.

**Regional Analysis:** The report involves examining the Zeolite Separation Membrane market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Zeolite Separation Membrane market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Zeolite Separation Membrane:

**Company Analysis:** Report covers individual Zeolite Separation Membrane manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Zeolite Separation Membrane. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Bioethanol Process, Solvent Dehydration).

**Technology Analysis:** Report covers specific technologies relevant to Zeolite Separation Membrane. It assesses the current state, advancements, and potential future developments in Zeolite Separation Membrane areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Zeolite Separation Membrane market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Zeolite Separation Membrane market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

NaA-type Separation Membrane

CHA-type Separation Membrane

Others

### Market segment by Application

Bioethanol Process

Solvent Dehydration

Others

Major players covered

Mitsubishi Chemical(Mitsui E&S Group)

Hitachi Zosen Corporation

Kiriyama Glass Works

Fraunhofer IKTS

Jiangsu Nine Heaven Hi-Tech

Dalian HST Technology

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 Zeolite Separation Membrane product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Zeolite Separation Membrane, with price, sales, revenue and global market share of Zeolite Separation Membrane from 2019 to

2024.

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

Chapter 4, the Zeolite Separation Membrane breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Zeolite Separation Membrane market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Zeolite Separation Membrane.

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

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Zeolite Separation Membrane

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Zeolite Separation Membrane Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 NaA-type Separation Membrane

1.3.3 CHA-type Separation Membrane

1.3.4 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Zeolite Separation Membrane Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Bioethanol Process

1.4.3 Solvent Dehydration

1.4.4 Others

1.5 Global Zeolite Separation Membrane Market Size & Forecast

1.5.1 Global Zeolite Separation Membrane Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Zeolite Separation Membrane Sales Quantity (2019-2030)

1.5.3 Global Zeolite Separation Membrane Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Mitsubishi Chemical(Mitsui E&S Group)

2.1.1 Mitsubishi Chemical(Mitsui E&S Group) Details

2.1.2 Mitsubishi Chemical(Mitsui E&S Group) Major Business

2.1.3 Mitsubishi Chemical(Mitsui E&S Group) Zeolite Separation Membrane Product and Services

2.1.4 Mitsubishi Chemical(Mitsui E&S Group) Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Mitsubishi Chemical(Mitsui E&S Group) Recent Developments/Updates

2.2 Hitachi Zosen Corporation

2.2.1 Hitachi Zosen Corporation Details

2.2.2 Hitachi Zosen Corporation Major Business

2.2.3 Hitachi Zosen Corporation Zeolite Separation Membrane Product and Services

2.2.4 Hitachi Zosen Corporation Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Hitachi Zosen Corporation Recent Developments/Updates
- 2.3 Kiriyaama Glass Works
  - 2.3.1 Kiriyaama Glass Works Details
  - 2.3.2 Kiriyaama Glass Works Major Business
  - 2.3.3 Kiriyaama Glass Works Zeolite Separation Membrane Product and Services
  - 2.3.4 Kiriyaama Glass Works Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Kiriyaama Glass Works Recent Developments/Updates
- 2.4 Fraunhofer IKTS
  - 2.4.1 Fraunhofer IKTS Details
  - 2.4.2 Fraunhofer IKTS Major Business
  - 2.4.3 Fraunhofer IKTS Zeolite Separation Membrane Product and Services
  - 2.4.4 Fraunhofer IKTS Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Fraunhofer IKTS Recent Developments/Updates
- 2.5 Jiangsu Nine Heaven Hi-Tech
  - 2.5.1 Jiangsu Nine Heaven Hi-Tech Details
  - 2.5.2 Jiangsu Nine Heaven Hi-Tech Major Business
  - 2.5.3 Jiangsu Nine Heaven Hi-Tech Zeolite Separation Membrane Product and Services
  - 2.5.4 Jiangsu Nine Heaven Hi-Tech Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Jiangsu Nine Heaven Hi-Tech Recent Developments/Updates
- 2.6 Dalian HST Technology
  - 2.6.1 Dalian HST Technology Details
  - 2.6.2 Dalian HST Technology Major Business
  - 2.6.3 Dalian HST Technology Zeolite Separation Membrane Product and Services
  - 2.6.4 Dalian HST Technology Zeolite Separation Membrane Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Dalian HST Technology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: ZEOLITE SEPARATION MEMBRANE BY MANUFACTURER**

- 3.1 Global Zeolite Separation Membrane Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Zeolite Separation Membrane Revenue by Manufacturer (2019-2024)
- 3.3 Global Zeolite Separation Membrane Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Zeolite Separation Membrane by Manufacturer Revenue

(\$MM) and Market Share (%): 2023

3.4.2 Top 3 Zeolite Separation Membrane Manufacturer Market Share in 2023

3.4.2 Top 6 Zeolite Separation Membrane Manufacturer Market Share in 2023

3.5 Zeolite Separation Membrane Market: Overall Company Footprint Analysis

3.5.1 Zeolite Separation Membrane Market: Region Footprint

3.5.2 Zeolite Separation Membrane Market: Company Product Type Footprint

3.5.3 Zeolite Separation 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 Zeolite Separation Membrane Market Size by Region

4.1.1 Global Zeolite Separation Membrane Sales Quantity by Region (2019-2030)

4.1.2 Global Zeolite Separation Membrane Consumption Value by Region (2019-2030)

4.1.3 Global Zeolite Separation Membrane Average Price by Region (2019-2030)

4.2 North America Zeolite Separation Membrane Consumption Value (2019-2030)

4.3 Europe Zeolite Separation Membrane Consumption Value (2019-2030)

4.4 Asia-Pacific Zeolite Separation Membrane Consumption Value (2019-2030)

4.5 South America Zeolite Separation Membrane Consumption Value (2019-2030)

4.6 Middle East and Africa Zeolite Separation Membrane Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Zeolite Separation Membrane Sales Quantity by Type (2019-2030)

5.2 Global Zeolite Separation Membrane Consumption Value by Type (2019-2030)

5.3 Global Zeolite Separation Membrane Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

6.2 Global Zeolite Separation Membrane Consumption Value by Application (2019-2030)

6.3 Global Zeolite Separation Membrane Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

7.1 North America Zeolite Separation Membrane Sales Quantity by Type (2019-2030)



7.2 North America Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

7.3 North America Zeolite Separation Membrane Market Size by Country

7.3.1 North America Zeolite Separation Membrane Sales Quantity by Country (2019-2030)

7.3.2 North America Zeolite Separation Membrane Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Zeolite Separation Membrane Sales Quantity by Type (2019-2030)

8.2 Europe Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

8.3 Europe Zeolite Separation Membrane Market Size by Country

8.3.1 Europe Zeolite Separation Membrane Sales Quantity by Country (2019-2030)

8.3.2 Europe Zeolite Separation Membrane Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Zeolite Separation Membrane Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Zeolite Separation Membrane Market Size by Region

9.3.1 Asia-Pacific Zeolite Separation Membrane Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Zeolite Separation Membrane Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Zeolite Separation Membrane Sales Quantity by Type (2019-2030)

10.2 South America Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

10.3 South America Zeolite Separation Membrane Market Size by Country

10.3.1 South America Zeolite Separation Membrane Sales Quantity by Country (2019-2030)

10.3.2 South America Zeolite Separation Membrane Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Zeolite Separation Membrane Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Zeolite Separation Membrane Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Zeolite Separation Membrane Market Size by Country

11.3.1 Middle East & Africa Zeolite Separation Membrane Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Zeolite Separation Membrane Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Zeolite Separation Membrane Market Drivers

12.2 Zeolite Separation Membrane Market Restraints

12.3 Zeolite Separation 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 Zeolite Separation Membrane and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Zeolite Separation Membrane
- 13.3 Zeolite Separation Membrane Production Process
- 13.4 Zeolite Separation Membrane Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Zeolite Separation Membrane Typical Distributors
- 14.3 Zeolite Separation 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 Zeolite Separation Membrane Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Zeolite Separation Membrane Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Mitsubishi Chemical(Mitsui E&S Group) Basic Information, Manufacturing Base and Competitors

Table 4. Mitsubishi Chemical(Mitsui E&S Group) Major Business

Table 5. Mitsubishi Chemical(Mitsui E&S Group) Zeolite Separation Membrane Product and Services

Table 6. Mitsubishi Chemical(Mitsui E&S Group) Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Mitsubishi Chemical(Mitsui E&S Group) Recent Developments/Updates

Table 8. Hitachi Zosen Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Hitachi Zosen Corporation Major Business

Table 10. Hitachi Zosen Corporation Zeolite Separation Membrane Product and Services

Table 11. Hitachi Zosen Corporation Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Hitachi Zosen Corporation Recent Developments/Updates

Table 13. Kiriya Glass Works Basic Information, Manufacturing Base and Competitors

Table 14. Kiriya Glass Works Major Business

Table 15. Kiriya Glass Works Zeolite Separation Membrane Product and Services

Table 16. Kiriya Glass Works Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Kiriya Glass Works Recent Developments/Updates

Table 18. Fraunhofer IKTS Basic Information, Manufacturing Base and Competitors

Table 19. Fraunhofer IKTS Major Business

Table 20. Fraunhofer IKTS Zeolite Separation Membrane Product and Services

Table 21. Fraunhofer IKTS Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share

(2019-2024)

Table 22. Fraunhofer IKTS Recent Developments/Updates

Table 23. Jiangsu Nine Heaven Hi-Tech Basic Information, Manufacturing Base and Competitors

Table 24. Jiangsu Nine Heaven Hi-Tech Major Business

Table 25. Jiangsu Nine Heaven Hi-Tech Zeolite Separation Membrane Product and Services

Table 26. Jiangsu Nine Heaven Hi-Tech Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Jiangsu Nine Heaven Hi-Tech Recent Developments/Updates

Table 28. Dalian HST Technology Basic Information, Manufacturing Base and Competitors

Table 29. Dalian HST Technology Major Business

Table 30. Dalian HST Technology Zeolite Separation Membrane Product and Services

Table 31. Dalian HST Technology Zeolite Separation Membrane Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Dalian HST Technology Recent Developments/Updates

Table 33. Global Zeolite Separation Membrane Sales Quantity by Manufacturer (2019-2024) & (K Sqm)

Table 34. Global Zeolite Separation Membrane Revenue by Manufacturer (2019-2024) & (USD Million)

Table 35. Global Zeolite Separation Membrane Average Price by Manufacturer (2019-2024) & (US\$/Sqm)

Table 36. Market Position of Manufacturers in Zeolite Separation Membrane, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 37. Head Office and Zeolite Separation Membrane Production Site of Key Manufacturer

Table 38. Zeolite Separation Membrane Market: Company Product Type Footprint

Table 39. Zeolite Separation Membrane Market: Company Product Application Footprint

Table 40. Zeolite Separation Membrane New Market Entrants and Barriers to Market Entry

Table 41. Zeolite Separation Membrane Mergers, Acquisition, Agreements, and Collaborations

Table 42. Global Zeolite Separation Membrane Sales Quantity by Region (2019-2024) & (K Sqm)

Table 43. Global Zeolite Separation Membrane Sales Quantity by Region (2025-2030) & (K Sqm)

Table 44. Global Zeolite Separation Membrane Consumption Value by Region (2019-2024) & (USD Million)

Table 45. Global Zeolite Separation Membrane Consumption Value by Region (2025-2030) & (USD Million)

Table 46. Global Zeolite Separation Membrane Average Price by Region (2019-2024) & (US\$/Sqm)

Table 47. Global Zeolite Separation Membrane Average Price by Region (2025-2030) & (US\$/Sqm)

Table 48. Global Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 49. Global Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 50. Global Zeolite Separation Membrane Consumption Value by Type (2019-2024) & (USD Million)

Table 51. Global Zeolite Separation Membrane Consumption Value by Type (2025-2030) & (USD Million)

Table 52. Global Zeolite Separation Membrane Average Price by Type (2019-2024) & (US\$/Sqm)

Table 53. Global Zeolite Separation Membrane Average Price by Type (2025-2030) & (US\$/Sqm)

Table 54. Global Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 55. Global Zeolite Separation Membrane Sales Quantity by Application (2025-2030) & (K Sqm)

Table 56. Global Zeolite Separation Membrane Consumption Value by Application (2019-2024) & (USD Million)

Table 57. Global Zeolite Separation Membrane Consumption Value by Application (2025-2030) & (USD Million)

Table 58. Global Zeolite Separation Membrane Average Price by Application (2019-2024) & (US\$/Sqm)

Table 59. Global Zeolite Separation Membrane Average Price by Application (2025-2030) & (US\$/Sqm)

Table 60. North America Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 61. North America Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 62. North America Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 63. North America Zeolite Separation Membrane Sales Quantity by Application

(2025-2030) & (K Sqm)

Table 64. North America Zeolite Separation Membrane Sales Quantity by Country (2019-2024) & (K Sqm)

Table 65. North America Zeolite Separation Membrane Sales Quantity by Country (2025-2030) & (K Sqm)

Table 66. North America Zeolite Separation Membrane Consumption Value by Country (2019-2024) & (USD Million)

Table 67. North America Zeolite Separation Membrane Consumption Value by Country (2025-2030) & (USD Million)

Table 68. Europe Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 69. Europe Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 70. Europe Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 71. Europe Zeolite Separation Membrane Sales Quantity by Application (2025-2030) & (K Sqm)

Table 72. Europe Zeolite Separation Membrane Sales Quantity by Country (2019-2024) & (K Sqm)

Table 73. Europe Zeolite Separation Membrane Sales Quantity by Country (2025-2030) & (K Sqm)

Table 74. Europe Zeolite Separation Membrane Consumption Value by Country (2019-2024) & (USD Million)

Table 75. Europe Zeolite Separation Membrane Consumption Value by Country (2025-2030) & (USD Million)

Table 76. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 77. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 78. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 79. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Application (2025-2030) & (K Sqm)

Table 80. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Region (2019-2024) & (K Sqm)

Table 81. Asia-Pacific Zeolite Separation Membrane Sales Quantity by Region (2025-2030) & (K Sqm)

Table 82. Asia-Pacific Zeolite Separation Membrane Consumption Value by Region (2019-2024) & (USD Million)

Table 83. Asia-Pacific Zeolite Separation Membrane Consumption Value by Region (2025-2030) & (USD Million)

Table 84. South America Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 85. South America Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 86. South America Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 87. South America Zeolite Separation Membrane Sales Quantity by Application (2025-2030) & (K Sqm)

Table 88. South America Zeolite Separation Membrane Sales Quantity by Country (2019-2024) & (K Sqm)

Table 89. South America Zeolite Separation Membrane Sales Quantity by Country (2025-2030) & (K Sqm)

Table 90. South America Zeolite Separation Membrane Consumption Value by Country (2019-2024) & (USD Million)

Table 91. South America Zeolite Separation Membrane Consumption Value by Country (2025-2030) & (USD Million)

Table 92. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Type (2019-2024) & (K Sqm)

Table 93. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Type (2025-2030) & (K Sqm)

Table 94. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Application (2019-2024) & (K Sqm)

Table 95. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Application (2025-2030) & (K Sqm)

Table 96. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Region (2019-2024) & (K Sqm)

Table 97. Middle East & Africa Zeolite Separation Membrane Sales Quantity by Region (2025-2030) & (K Sqm)

Table 98. Middle East & Africa Zeolite Separation Membrane Consumption Value by Region (2019-2024) & (USD Million)

Table 99. Middle East & Africa Zeolite Separation Membrane Consumption Value by Region (2025-2030) & (USD Million)

Table 100. Zeolite Separation Membrane Raw Material

Table 101. Key Manufacturers of Zeolite Separation Membrane Raw Materials

Table 102. Zeolite Separation Membrane Typical Distributors

Table 103. Zeolite Separation Membrane Typical Customers



## List Of Figures

### LIST OF FIGURES

- Figure 1. Zeolite Separation Membrane Picture
- Figure 2. Global Zeolite Separation Membrane Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Zeolite Separation Membrane Consumption Value Market Share by Type in 2023
- Figure 4. NaA-type Separation Membrane Examples
- Figure 5. CHA-type Separation Membrane Examples
- Figure 6. Others Examples
- Figure 7. Global Zeolite Separation Membrane Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global Zeolite Separation Membrane Consumption Value Market Share by Application in 2023
- Figure 9. Bioethanol Process Examples
- Figure 10. Solvent Dehydration Examples
- Figure 11. Others Examples
- Figure 12. Global Zeolite Separation Membrane Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 13. Global Zeolite Separation Membrane Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 14. Global Zeolite Separation Membrane Sales Quantity (2019-2030) & (K Sqm)
- Figure 15. Global Zeolite Separation Membrane Average Price (2019-2030) & (US\$/Sqm)
- Figure 16. Global Zeolite Separation Membrane Sales Quantity Market Share by Manufacturer in 2023
- Figure 17. Global Zeolite Separation Membrane Consumption Value Market Share by Manufacturer in 2023
- Figure 18. Producer Shipments of Zeolite Separation Membrane by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 19. Top 3 Zeolite Separation Membrane Manufacturer (Consumption Value) Market Share in 2023
- Figure 20. Top 6 Zeolite Separation Membrane Manufacturer (Consumption Value) Market Share in 2023
- Figure 21. Global Zeolite Separation Membrane Sales Quantity Market Share by Region (2019-2030)
- Figure 22. Global Zeolite Separation Membrane Consumption Value Market Share by

Region (2019-2030)

Figure 23. North America Zeolite Separation Membrane Consumption Value (2019-2030) & (USD Million)

Figure 24. Europe Zeolite Separation Membrane Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific Zeolite Separation Membrane Consumption Value (2019-2030) & (USD Million)

Figure 26. South America Zeolite Separation Membrane Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa Zeolite Separation Membrane Consumption Value (2019-2030) & (USD Million)

Figure 28. Global Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global Zeolite Separation Membrane Consumption Value Market Share by Type (2019-2030)

Figure 30. Global Zeolite Separation Membrane Average Price by Type (2019-2030) & (US\$/Sqm)

Figure 31. Global Zeolite Separation Membrane Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global Zeolite Separation Membrane Consumption Value Market Share by Application (2019-2030)

Figure 33. Global Zeolite Separation Membrane Average Price by Application (2019-2030) & (US\$/Sqm)

Figure 34. North America Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America Zeolite Separation Membrane Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America Zeolite Separation Membrane Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America Zeolite Separation Membrane Consumption Value Market Share by Country (2019-2030)

Figure 38. United States Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 42. Europe Zeolite Separation Membrane Sales Quantity Market Share by Application (2019-2030)

Figure 43. Europe Zeolite Separation Membrane Sales Quantity Market Share by Country (2019-2030)

Figure 44. Europe Zeolite Separation Membrane Consumption Value Market Share by Country (2019-2030)

Figure 45. Germany Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific Zeolite Separation Membrane Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific Zeolite Separation Membrane Sales Quantity Market Share by Region (2019-2030)

Figure 53. Asia-Pacific Zeolite Separation Membrane Consumption Value Market Share by Region (2019-2030)

Figure 54. China Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America Zeolite Separation Membrane Sales Quantity Market Share

by Application (2019-2030)

Figure 62. South America Zeolite Separation Membrane Sales Quantity Market Share by Country (2019-2030)

Figure 63. South America Zeolite Separation Membrane Consumption Value Market Share by Country (2019-2030)

Figure 64. Brazil Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Argentina Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Middle East & Africa Zeolite Separation Membrane Sales Quantity Market Share by Type (2019-2030)

Figure 67. Middle East & Africa Zeolite Separation Membrane Sales Quantity Market Share by Application (2019-2030)

Figure 68. Middle East & Africa Zeolite Separation Membrane Sales Quantity Market Share by Region (2019-2030)

Figure 69. Middle East & Africa Zeolite Separation Membrane Consumption Value Market Share by Region (2019-2030)

Figure 70. Turkey Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Egypt Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Saudi Arabia Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. South Africa Zeolite Separation Membrane Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Zeolite Separation Membrane Market Drivers

Figure 75. Zeolite Separation Membrane Market Restraints

Figure 76. Zeolite Separation Membrane Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Zeolite Separation Membrane in 2023

Figure 79. Manufacturing Process Analysis of Zeolite Separation Membrane

Figure 80. Zeolite Separation Membrane Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global Zeolite Separation Membrane Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G46FADAB4F0BEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G46FADAB4F0BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

