

CHA Zeolite Membrane Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/C9537C1BA6E8EN.html>

Date: July 2024

Pages: 73

Price: US\$ 3,250.00 (Single User License)

ID: C9537C1BA6E8EN

Abstracts

Zeolite molecular sieves have regular pore structure and uniform pore size. The zeolite molecular sieves can be used to prepare zeolite molecular sieves to achieve high precision separation of different components. At present, NaA molecular sieve membrane has been industrialized. However, because of the low Si/Al ratio of NaA molecular sieve (Si/Al=1), NaA molecular sieve membrane is only suitable for the separation of near-neutral solvent systems. CHA molecular sieve is a three-dimensional octet ring channel structure, with an effective pore diameter of 0.38nm and an adjustable silica to aluminum ratio of 2-?. Since CHA molecular sieve membrane is easy to form heterocrystals in the preparation process, which affects the flux, stability and preparation repeatability of the membrane, large-scale industrial application has not yet been formed. How to prepare low cost, high flux and high stability CHA molecular sieve membrane is the key to realize its industrial application.

This report contains market size and forecasts of CHA Zeolite Membrane in global, including the following market information:

Global CHA Zeolite Membrane Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global CHA Zeolite Membrane Market Sales, 2017-2022, 2023-2028, (Sq.m)

Global top five CHA Zeolite Membrane companies in 2021 (%)

The global CHA Zeolite Membrane market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$

Million by 2028.

Regular Shape Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of CHA Zeolite Membrane include Mitsubishi Chemical(Mitsui E&S Group), Hitachi Zosen Corporation, Kiriya Glass Works, Fraunhofer IKTS, Jiangsu Nine Heaven Hi-Tech and Dalian HST Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the CHA Zeolite Membrane manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global CHA Zeolite Membrane Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Sq.m)

Global CHA Zeolite Membrane Market Segment Percentages, by Type, 2021 (%)

Regular Shape

Irregular Shape

Global CHA Zeolite Membrane Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Sq.m)

Global CHA Zeolite Membrane Market Segment Percentages, by Application, 2021 (%)

Bioethanol Process

Solvent Dehydration

Others

Global CHA Zeolite Membrane Market, By Region and Country, 2017-2022, 2023-2028

(\$ Millions) & (Sq.m)

Global CHA Zeolite Membrane Market Segment Percentages, By Region and Country,
2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies CHA Zeolite Membrane revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies CHA Zeolite Membrane revenues share in global market, 2021 (%)

Key companies CHA Zeolite Membrane sales in global market, 2017-2022 (Estimated), (Sq.m)

Key companies CHA Zeolite Membrane sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Mitsubishi Chemical(Mitsui E&S Group)

Hitachi Zosen Corporation

Kiriyama Glass Works

Fraunhofer IKTS

Jiangsu Nine Heaven Hi-Tech

Dalian HST Technology

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 CHA Zeolite Membrane Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global CHA Zeolite Membrane Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL CHA ZEOLITE MEMBRANE OVERALL MARKET SIZE

- 2.1 Global CHA Zeolite Membrane Market Size: 2021 VS 2028
- 2.2 Global CHA Zeolite Membrane Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global CHA Zeolite Membrane Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top CHA Zeolite Membrane Players in Global Market
- 3.2 Top Global CHA Zeolite Membrane Companies Ranked by Revenue
- 3.3 Global CHA Zeolite Membrane Revenue by Companies
- 3.4 Global CHA Zeolite Membrane Sales by Companies
- 3.5 Global CHA Zeolite Membrane Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 CHA Zeolite Membrane Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers CHA Zeolite Membrane Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 CHA Zeolite Membrane Players in Global Market
 - 3.8.1 List of Global Tier 1 CHA Zeolite Membrane Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 CHA Zeolite Membrane Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global CHA Zeolite Membrane Market Size Markets, 2021 & 2028
- 4.1.2 Regular Shape
- 4.1.3 Irregular Shape
- 4.2 By Type - Global CHA Zeolite Membrane Revenue & Forecasts
 - 4.2.1 By Type - Global CHA Zeolite Membrane Revenue, 2017-2022
 - 4.2.2 By Type - Global CHA Zeolite Membrane Revenue, 2023-2028
 - 4.2.3 By Type - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- 4.3 By Type - Global CHA Zeolite Membrane Sales & Forecasts
 - 4.3.1 By Type - Global CHA Zeolite Membrane Sales, 2017-2022
 - 4.3.2 By Type - Global CHA Zeolite Membrane Sales, 2023-2028
 - 4.3.3 By Type - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- 4.4 By Type - Global CHA Zeolite Membrane Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global CHA Zeolite Membrane Market Size, 2021 & 2028
- 5.1.2 Bioethanol Process
- 5.1.3 Solvent Dehydration
- 5.1.4 Others
- 5.2 By Application - Global CHA Zeolite Membrane Revenue & Forecasts
 - 5.2.1 By Application - Global CHA Zeolite Membrane Revenue, 2017-2022
 - 5.2.2 By Application - Global CHA Zeolite Membrane Revenue, 2023-2028
 - 5.2.3 By Application - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- 5.3 By Application - Global CHA Zeolite Membrane Sales & Forecasts
 - 5.3.1 By Application - Global CHA Zeolite Membrane Sales, 2017-2022
 - 5.3.2 By Application - Global CHA Zeolite Membrane Sales, 2023-2028
 - 5.3.3 By Application - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- 5.4 By Application - Global CHA Zeolite Membrane Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global CHA Zeolite Membrane Market Size, 2021 & 2028
- 6.2 By Region - Global CHA Zeolite Membrane Revenue & Forecasts
 - 6.2.1 By Region - Global CHA Zeolite Membrane Revenue, 2017-2022
 - 6.2.2 By Region - Global CHA Zeolite Membrane Revenue, 2023-2028

- 6.2.3 By Region - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- 6.3 By Region - Global CHA Zeolite Membrane Sales & Forecasts
 - 6.3.1 By Region - Global CHA Zeolite Membrane Sales, 2017-2022
 - 6.3.2 By Region - Global CHA Zeolite Membrane Sales, 2023-2028
 - 6.3.3 By Region - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- 6.4 North America
 - 6.4.1 By Country - North America CHA Zeolite Membrane Revenue, 2017-2028
 - 6.4.2 By Country - North America CHA Zeolite Membrane Sales, 2017-2028
 - 6.4.3 US CHA Zeolite Membrane Market Size, 2017-2028
 - 6.4.4 Canada CHA Zeolite Membrane Market Size, 2017-2028
 - 6.4.5 Mexico CHA Zeolite Membrane Market Size, 2017-2028
- 6.5 Europe
 - 6.5.1 By Country - Europe CHA Zeolite Membrane Revenue, 2017-2028
 - 6.5.2 By Country - Europe CHA Zeolite Membrane Sales, 2017-2028
 - 6.5.3 Germany CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.4 France CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.5 U.K. CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.6 Italy CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.7 Russia CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.8 Nordic Countries CHA Zeolite Membrane Market Size, 2017-2028
 - 6.5.9 Benelux CHA Zeolite Membrane Market Size, 2017-2028
- 6.6 Asia
 - 6.6.1 By Region - Asia CHA Zeolite Membrane Revenue, 2017-2028
 - 6.6.2 By Region - Asia CHA Zeolite Membrane Sales, 2017-2028
 - 6.6.3 China CHA Zeolite Membrane Market Size, 2017-2028
 - 6.6.4 Japan CHA Zeolite Membrane Market Size, 2017-2028
 - 6.6.5 South Korea CHA Zeolite Membrane Market Size, 2017-2028
 - 6.6.6 Southeast Asia CHA Zeolite Membrane Market Size, 2017-2028
 - 6.6.7 India CHA Zeolite Membrane Market Size, 2017-2028
- 6.7 South America
 - 6.7.1 By Country - South America CHA Zeolite Membrane Revenue, 2017-2028
 - 6.7.2 By Country - South America CHA Zeolite Membrane Sales, 2017-2028
 - 6.7.3 Brazil CHA Zeolite Membrane Market Size, 2017-2028
 - 6.7.4 Argentina CHA Zeolite Membrane Market Size, 2017-2028
- 6.8 Middle East & Africa
 - 6.8.1 By Country - Middle East & Africa CHA Zeolite Membrane Revenue, 2017-2028
 - 6.8.2 By Country - Middle East & Africa CHA Zeolite Membrane Sales, 2017-2028
 - 6.8.3 Turkey CHA Zeolite Membrane Market Size, 2017-2028
 - 6.8.4 Israel CHA Zeolite Membrane Market Size, 2017-2028

6.8.5 Saudi Arabia CHA Zeolite Membrane Market Size, 2017-2028

6.8.6 UAE CHA Zeolite Membrane Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Mitsubishi Chemical(Mitsui E&S Group)

7.1.1 Mitsubishi Chemical(Mitsui E&S Group) Corporate Summary

7.1.2 Mitsubishi Chemical(Mitsui E&S Group) Business Overview

7.1.3 Mitsubishi Chemical(Mitsui E&S Group) CHA Zeolite Membrane Major Product Offerings

7.1.4 Mitsubishi Chemical(Mitsui E&S Group) CHA Zeolite Membrane Sales and Revenue in Global (2017-2022)

7.1.5 Mitsubishi Chemical(Mitsui E&S Group) Key News

7.2 Hitachi Zosen Corporation

7.2.1 Hitachi Zosen Corporation Corporate Summary

7.2.2 Hitachi Zosen Corporation Business Overview

7.2.3 Hitachi Zosen Corporation CHA Zeolite Membrane Major Product Offerings

7.2.4 Hitachi Zosen Corporation CHA Zeolite Membrane Sales and Revenue in Global (2017-2022)

7.2.5 Hitachi Zosen Corporation Key News

7.3 Kiriya Glass Works

7.3.1 Kiriya Glass Works Corporate Summary

7.3.2 Kiriya Glass Works Business Overview

7.3.3 Kiriya Glass Works CHA Zeolite Membrane Major Product Offerings

7.3.4 Kiriya Glass Works CHA Zeolite Membrane Sales and Revenue in Global (2017-2022)

7.3.5 Kiriya Glass Works Key News

7.4 Fraunhofer IKTS

7.4.1 Fraunhofer IKTS Corporate Summary

7.4.2 Fraunhofer IKTS Business Overview

7.4.3 Fraunhofer IKTS CHA Zeolite Membrane Major Product Offerings

7.4.4 Fraunhofer IKTS CHA Zeolite Membrane Sales and Revenue in Global (2017-2022)

7.4.5 Fraunhofer IKTS Key News

7.5 Jiangsu Nine Heaven Hi-Tech

7.5.1 Jiangsu Nine Heaven Hi-Tech Corporate Summary

7.5.2 Jiangsu Nine Heaven Hi-Tech Business Overview

7.5.3 Jiangsu Nine Heaven Hi-Tech CHA Zeolite Membrane Major Product Offerings

7.5.4 Jiangsu Nine Heaven Hi-Tech CHA Zeolite Membrane Sales and Revenue in

Global (2017-2022)

7.5.5 Jiangsu Nine Heaven Hi-Tech Key News

7.6 Dalian HST Technology

7.6.1 Dalian HST Technology Corporate Summary

7.6.2 Dalian HST Technology Business Overview

7.6.3 Dalian HST Technology CHA Zeolite Membrane Major Product Offerings

7.6.4 Dalian HST Technology CHA Zeolite Membrane Sales and Revenue in Global (2017-2022)

7.6.5 Dalian HST Technology Key News

8 GLOBAL CHA ZEOLITE MEMBRANE PRODUCTION CAPACITY, ANALYSIS

8.1 Global CHA Zeolite Membrane Production Capacity, 2017-2028

8.2 CHA Zeolite Membrane Production Capacity of Key Manufacturers in Global Market

8.3 Global CHA Zeolite Membrane Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 CHA ZEOLITE MEMBRANE SUPPLY CHAIN ANALYSIS

10.1 CHA Zeolite Membrane Industry Value Chain

10.2 CHA Zeolite Membrane Upstream Market

10.3 CHA Zeolite Membrane Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 CHA Zeolite Membrane Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Key Players of CHA Zeolite Membrane in Global Market
- Table 2. Top CHA Zeolite Membrane Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global CHA Zeolite Membrane Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global CHA Zeolite Membrane Revenue Share by Companies, 2017-2022
- Table 5. Global CHA Zeolite Membrane Sales by Companies, (Sq.m), 2017-2022
- Table 6. Global CHA Zeolite Membrane Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers CHA Zeolite Membrane Price (2017-2022) & (US\$/Sq.m)
- Table 8. Global Manufacturers CHA Zeolite Membrane Product Type
- Table 9. List of Global Tier 1 CHA Zeolite Membrane Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 CHA Zeolite Membrane Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global CHA Zeolite Membrane Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global CHA Zeolite Membrane Sales (Sq.m), 2017-2022
- Table 15. By Type - Global CHA Zeolite Membrane Sales (Sq.m), 2023-2028
- Table 16. By Application – Global CHA Zeolite Membrane Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global CHA Zeolite Membrane Sales (Sq.m), 2017-2022
- Table 20. By Application - Global CHA Zeolite Membrane Sales (Sq.m), 2023-2028
- Table 21. By Region – Global CHA Zeolite Membrane Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global CHA Zeolite Membrane Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global CHA Zeolite Membrane Sales (Sq.m), 2017-2022
- Table 25. By Region - Global CHA Zeolite Membrane Sales (Sq.m), 2023-2028
- Table 26. By Country - North America CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America CHA Zeolite Membrane Revenue, (US\$, Mn),

2023-2028

Table 28. By Country - North America CHA Zeolite Membrane Sales, (Sq.m),
2017-2022

Table 29. By Country - North America CHA Zeolite Membrane Sales, (Sq.m),
2023-2028

Table 30. By Country - Europe CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe CHA Zeolite Membrane Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe CHA Zeolite Membrane Sales, (Sq.m), 2017-2022

Table 33. By Country - Europe CHA Zeolite Membrane Sales, (Sq.m), 2023-2028

Table 34. By Region - Asia CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia CHA Zeolite Membrane Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia CHA Zeolite Membrane Sales, (Sq.m), 2017-2022

Table 37. By Region - Asia CHA Zeolite Membrane Sales, (Sq.m), 2023-2028

Table 38. By Country - South America CHA Zeolite Membrane Revenue, (US\$, Mn),
2017-2022

Table 39. By Country - South America CHA Zeolite Membrane Revenue, (US\$, Mn),
2023-2028

Table 40. By Country - South America CHA Zeolite Membrane Sales, (Sq.m),
2017-2022

Table 41. By Country - South America CHA Zeolite Membrane Sales, (Sq.m),
2023-2028

Table 42. By Country - Middle East & Africa CHA Zeolite Membrane Revenue, (US\$,
Mn), 2017-2022

Table 43. By Country - Middle East & Africa CHA Zeolite Membrane Revenue, (US\$,
Mn), 2023-2028

Table 44. By Country - Middle East & Africa CHA Zeolite Membrane Sales, (Sq.m),
2017-2022

Table 45. By Country - Middle East & Africa CHA Zeolite Membrane Sales, (Sq.m),
2023-2028

Table 46. Mitsubishi Chemical(Mitsui E&S Group) Corporate Summary

Table 47. Mitsubishi Chemical(Mitsui E&S Group) CHA Zeolite Membrane Product
Offerings

Table 48. Mitsubishi Chemical(Mitsui E&S Group) CHA Zeolite Membrane Sales
(Sq.m), Revenue (US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)

Table 49. Hitachi Zosen Corporation Corporate Summary

Table 50. Hitachi Zosen Corporation CHA Zeolite Membrane Product Offerings

Table 51. Hitachi Zosen Corporation CHA Zeolite Membrane Sales (Sq.m), Revenue
(US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)

Table 52. Kiriya Glass Works Corporate Summary

- Table 53. Kiriyama Glass Works CHA Zeolite Membrane Product Offerings
- Table 54. Kiriyama Glass Works CHA Zeolite Membrane Sales (Sq.m), Revenue (US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)
- Table 55. Fraunhofer IKTS Corporate Summary
- Table 56. Fraunhofer IKTS CHA Zeolite Membrane Product Offerings
- Table 57. Fraunhofer IKTS CHA Zeolite Membrane Sales (Sq.m), Revenue (US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)
- Table 58. Jiangsu Nine Heaven Hi-Tech Corporate Summary
- Table 59. Jiangsu Nine Heaven Hi-Tech CHA Zeolite Membrane Product Offerings
- Table 60. Jiangsu Nine Heaven Hi-Tech CHA Zeolite Membrane Sales (Sq.m), Revenue (US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)
- Table 61. Dalian HST Technology Corporate Summary
- Table 62. Dalian HST Technology CHA Zeolite Membrane Product Offerings
- Table 63. Dalian HST Technology CHA Zeolite Membrane Sales (Sq.m), Revenue (US\$, Mn) and Average Price (US\$/Sq.m) (2017-2022)
- Table 64. CHA Zeolite Membrane Production Capacity (Sq.m) of Key Manufacturers in Global Market, 2020-2022 (Sq.m)
- Table 65. Global CHA Zeolite Membrane Capacity Market Share of Key Manufacturers, 2020-2022
- Table 66. Global CHA Zeolite Membrane Production by Region, 2017-2022 (Sq.m)
- Table 67. Global CHA Zeolite Membrane Production by Region, 2023-2028 (Sq.m)
- Table 68. CHA Zeolite Membrane Market Opportunities & Trends in Global Market
- Table 69. CHA Zeolite Membrane Market Drivers in Global Market
- Table 70. CHA Zeolite Membrane Market Restraints in Global Market
- Table 71. CHA Zeolite Membrane Raw Materials
- Table 72. CHA Zeolite Membrane Raw Materials Suppliers in Global Market
- Table 73. Typical CHA Zeolite Membrane Downstream
- Table 74. CHA Zeolite Membrane Downstream Clients in Global Market
- Table 75. CHA Zeolite Membrane Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. CHA Zeolite Membrane Segment by Type
- Figure 2. CHA Zeolite Membrane Segment by Application
- Figure 3. Global CHA Zeolite Membrane Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global CHA Zeolite Membrane Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global CHA Zeolite Membrane Revenue, 2017-2028 (US\$, Mn)
- Figure 7. CHA Zeolite Membrane Sales in Global Market: 2017-2028 (Sq.m)
- Figure 8. The Top 3 and 5 Players Market Share by CHA Zeolite Membrane Revenue in 2021
- Figure 9. By Type - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 10. By Type - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 11. By Type - Global CHA Zeolite Membrane Price (US\$/Sq.m), 2017-2028
- Figure 12. By Application - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 13. By Application - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 14. By Application - Global CHA Zeolite Membrane Price (US\$/Sq.m), 2017-2028
- Figure 15. By Region - Global CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 16. By Region - Global CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 17. By Country - North America CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 18. By Country - North America CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 19. US CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 24. Germany CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 25. France CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028

- Figure 28. Russia CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 33. China CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 37. India CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 39. By Country - South America CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 40. Brazil CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa CHA Zeolite Membrane Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa CHA Zeolite Membrane Sales Market Share, 2017-2028
- Figure 44. Turkey CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE CHA Zeolite Membrane Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global CHA Zeolite Membrane Production Capacity (Sq.m), 2017-2028
- Figure 49. The Percentage of Production CHA Zeolite Membrane by Region, 2021 VS 2028
- Figure 50. CHA Zeolite Membrane Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: CHA Zeolite Membrane Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/C9537C1BA6E8EN.html>

Price: US\$ 3,250.00 (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/C9537C1BA6E8EN.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