

Global Non-perfluorinated Proton Exchange Membrane Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEC9069C0851EN.html>

Date: October 2023

Pages: 114

Price: US\$ 4,480.00 (Single User License)

ID: GEC9069C0851EN

Abstracts

The global Non-perfluorinated Proton Exchange Membrane market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Non-perfluorinated proton exchange membrane is a proton exchange membrane that does not contain fluorine atoms. It is an ion-selective permeable membrane that provides channels for proton migration and transmission, separates gas reactants, and Block the role of electrolyte. Compared with perfluorinated proton exchange membranes, non-perfluorinated proton exchange membranes have the advantages of low cost, environmental friendliness, and high temperature resistance, but they also have disadvantages such as low mechanical strength, low water molecule absorption rate, and low conductivity. The main materials of non-perfluorinated proton exchange membranes are sulfonated polyaryl ether ketone, sulfonated polythioether sulfone, sulfonated polyether ether ketone, sulfonated naphthalene polyether sulfone ketone, sulfonated polyimide, Sulfonated polybenzimidazole, etc.

This report studies the global Non-perfluorinated Proton Exchange Membrane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Non-perfluorinated Proton Exchange Membrane, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Non-perfluorinated Proton Exchange Membrane that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Non-perfluorinated Proton Exchange Membrane total production and demand, 2018-2029, (K Sqm)

Global Non-perfluorinated Proton Exchange Membrane total production value, 2018-2029, (USD Million)

Global Non-perfluorinated Proton Exchange Membrane production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global Non-perfluorinated Proton Exchange Membrane consumption by region & country, CAGR, 2018-2029 & (K Sqm)

U.S. VS China: Non-perfluorinated Proton Exchange Membrane domestic production, consumption, key domestic manufacturers and share

Global Non-perfluorinated Proton Exchange Membrane production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Sqm)

Global Non-perfluorinated Proton Exchange Membrane production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global Non-perfluorinated Proton Exchange Membrane production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Sqm).

This reports profiles key players in the global Non-perfluorinated Proton Exchange Membrane market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ionomr Innovations Inc., JSR Corporation, Asahi Glass, Gore, 3M, FuMA-Tech, BASF, Solvay and ITM Power, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Non-perfluorinated Proton Exchange Membrane market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Non-perfluorinated Proton Exchange Membrane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Non-perfluorinated Proton Exchange Membrane Market, Segmentation by Type

Polymer Proton Exchange Membrane

Mineralized Proton Exchange Membrane

Composite Proton Exchange Membrane

Ionic Liquid Proton Exchange Membrane

Global Non-perfluorinated Proton Exchange Membrane Market, Segmentation by Application

Fuel Cell Industry

Electrolysis of Water and Hydrogen Production Industry

Others

Companies Profiled:

Ionomr Innovations Inc.

JSR Corporation

Asahi Glass

Gore

3M

FuMA-Tech

BASF

Solvay

ITM Power

Dioxide Materials

Nel Hydrogen

Key Questions Answered

1. How big is the global Non-perfluorinated Proton Exchange Membrane market?

2. What is the demand of the global Non-perfluorinated Proton Exchange Membrane market?

3. What is the year over year growth of the global Non-perfluorinated Proton Exchange Membrane market?

4. What is the production and production value of the global Non-perfluorinated Proton Exchange Membrane market?

5. Who are the key producers in the global Non-perfluorinated Proton Exchange Membrane market?

Contents

1 SUPPLY SUMMARY

- 1.1 Non-perfluorinated Proton Exchange Membrane Introduction
- 1.2 World Non-perfluorinated Proton Exchange Membrane Supply & Forecast
 - 1.2.1 World Non-perfluorinated Proton Exchange Membrane Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Non-perfluorinated Proton Exchange Membrane Production (2018-2029)
 - 1.2.3 World Non-perfluorinated Proton Exchange Membrane Pricing Trends (2018-2029)
- 1.3 World Non-perfluorinated Proton Exchange Membrane Production by Region (Based on Production Site)
 - 1.3.1 World Non-perfluorinated Proton Exchange Membrane Production Value by Region (2018-2029)
 - 1.3.2 World Non-perfluorinated Proton Exchange Membrane Production by Region (2018-2029)
 - 1.3.3 World Non-perfluorinated Proton Exchange Membrane Average Price by Region (2018-2029)
 - 1.3.4 North America Non-perfluorinated Proton Exchange Membrane Production (2018-2029)
 - 1.3.5 Europe Non-perfluorinated Proton Exchange Membrane Production (2018-2029)
 - 1.3.6 China Non-perfluorinated Proton Exchange Membrane Production (2018-2029)
 - 1.3.7 Japan Non-perfluorinated Proton Exchange Membrane Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Non-perfluorinated Proton Exchange Membrane Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Non-perfluorinated Proton Exchange Membrane Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Non-perfluorinated Proton Exchange Membrane Demand (2018-2029)
- 2.2 World Non-perfluorinated Proton Exchange Membrane Consumption by Region
 - 2.2.1 World Non-perfluorinated Proton Exchange Membrane Consumption by Region (2018-2023)
 - 2.2.2 World Non-perfluorinated Proton Exchange Membrane Consumption Forecast by Region (2024-2029)
- 2.3 United States Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)

- 2.4 China Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)
- 2.5 Europe Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)
- 2.6 Japan Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)
- 2.7 South Korea Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)
- 2.8 ASEAN Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)
- 2.9 India Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029)

3 WORLD NON-PERFLUORINATED PROTON EXCHANGE MEMBRANE MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Non-perfluorinated Proton Exchange Membrane Production Value by Manufacturer (2018-2023)
- 3.2 World Non-perfluorinated Proton Exchange Membrane Production by Manufacturer (2018-2023)
- 3.3 World Non-perfluorinated Proton Exchange Membrane Average Price by Manufacturer (2018-2023)
- 3.4 Non-perfluorinated Proton Exchange Membrane Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Non-perfluorinated Proton Exchange Membrane Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Non-perfluorinated Proton Exchange Membrane in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Non-perfluorinated Proton Exchange Membrane in 2022
- 3.6 Non-perfluorinated Proton Exchange Membrane Market: Overall Company Footprint Analysis
 - 3.6.1 Non-perfluorinated Proton Exchange Membrane Market: Region Footprint
 - 3.6.2 Non-perfluorinated Proton Exchange Membrane Market: Company Product Type Footprint
 - 3.6.3 Non-perfluorinated Proton Exchange Membrane Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Value Comparison

4.1.1 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Comparison

4.2.1 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Non-perfluorinated Proton Exchange Membrane Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Non-perfluorinated Proton Exchange Membrane Consumption Comparison

4.3.1 United States VS China: Non-perfluorinated Proton Exchange Membrane Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Non-perfluorinated Proton Exchange Membrane Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Non-perfluorinated Proton Exchange Membrane Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Non-perfluorinated Proton Exchange Membrane Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value (2018-2023)

4.4.3 United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023)

4.5 China Based Non-perfluorinated Proton Exchange Membrane Manufacturers and Market Share

4.5.1 China Based Non-perfluorinated Proton Exchange Membrane Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value (2018-2023)

4.5.3 China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023)

4.6 Rest of World Based Non-perfluorinated Proton Exchange Membrane Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Non-perfluorinated Proton Exchange Membrane

Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Non-perfluorinated Proton Exchange Membrane Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Polymer Proton Exchange Membrane

5.2.2 Mineralized Proton Exchange Membrane

5.2.3 Composite Proton Exchange Membrane

5.2.4 Ionic Liquid Proton Exchange Membrane

5.3 Market Segment by Type

5.3.1 World Non-perfluorinated Proton Exchange Membrane Production by Type (2018-2029)

5.3.2 World Non-perfluorinated Proton Exchange Membrane Production Value by Type (2018-2029)

5.3.3 World Non-perfluorinated Proton Exchange Membrane Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Non-perfluorinated Proton Exchange Membrane Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Fuel Cell Industry

6.2.2 Electrolysis of Water and Hydrogen Production Industry

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Non-perfluorinated Proton Exchange Membrane Production by Application (2018-2029)

6.3.2 World Non-perfluorinated Proton Exchange Membrane Production Value by Application (2018-2029)

6.3.3 World Non-perfluorinated Proton Exchange Membrane Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Ionomr Innovations Inc.

7.1.1 Ionomr Innovations Inc. Details

7.1.2 Ionomr Innovations Inc. Major Business

7.1.3 Ionomr Innovations Inc. Non-perfluorinated Proton Exchange Membrane Product and Services

7.1.4 Ionomr Innovations Inc. Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Ionomr Innovations Inc. Recent Developments/Updates

7.1.6 Ionomr Innovations Inc. Competitive Strengths & Weaknesses

7.2 JSR Corporation

7.2.1 JSR Corporation Details

7.2.2 JSR Corporation Major Business

7.2.3 JSR Corporation Non-perfluorinated Proton Exchange Membrane Product and Services

7.2.4 JSR Corporation Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 JSR Corporation Recent Developments/Updates

7.2.6 JSR Corporation Competitive Strengths & Weaknesses

7.3 Asahi Glass

7.3.1 Asahi Glass Details

7.3.2 Asahi Glass Major Business

7.3.3 Asahi Glass Non-perfluorinated Proton Exchange Membrane Product and Services

7.3.4 Asahi Glass Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Asahi Glass Recent Developments/Updates

7.3.6 Asahi Glass Competitive Strengths & Weaknesses

7.4 Gore

7.4.1 Gore Details

7.4.2 Gore Major Business

7.4.3 Gore Non-perfluorinated Proton Exchange Membrane Product and Services

7.4.4 Gore Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Gore Recent Developments/Updates

7.4.6 Gore Competitive Strengths & Weaknesses

7.5 3M

7.5.1 3M Details

- 7.5.2 3M Major Business
- 7.5.3 3M Non-perfluorinated Proton Exchange Membrane Product and Services
- 7.5.4 3M Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 3M Recent Developments/Updates
- 7.5.6 3M Competitive Strengths & Weaknesses
- 7.6 FuMA-Tech
 - 7.6.1 FuMA-Tech Details
 - 7.6.2 FuMA-Tech Major Business
 - 7.6.3 FuMA-Tech Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.6.4 FuMA-Tech Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 FuMA-Tech Recent Developments/Updates
 - 7.6.6 FuMA-Tech Competitive Strengths & Weaknesses
- 7.7 BASF
 - 7.7.1 BASF Details
 - 7.7.2 BASF Major Business
 - 7.7.3 BASF Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.7.4 BASF Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 BASF Recent Developments/Updates
 - 7.7.6 BASF Competitive Strengths & Weaknesses
- 7.8 Solvay
 - 7.8.1 Solvay Details
 - 7.8.2 Solvay Major Business
 - 7.8.3 Solvay Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.8.4 Solvay Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Solvay Recent Developments/Updates
 - 7.8.6 Solvay Competitive Strengths & Weaknesses
- 7.9 ITM Power
 - 7.9.1 ITM Power Details
 - 7.9.2 ITM Power Major Business
 - 7.9.3 ITM Power Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.9.4 ITM Power Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 ITM Power Recent Developments/Updates

- 7.9.6 ITM Power Competitive Strengths & Weaknesses
- 7.10 Dioxide Materials
 - 7.10.1 Dioxide Materials Details
 - 7.10.2 Dioxide Materials Major Business
 - 7.10.3 Dioxide Materials Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.10.4 Dioxide Materials Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Dioxide Materials Recent Developments/Updates
 - 7.10.6 Dioxide Materials Competitive Strengths & Weaknesses
- 7.11 Nel Hydrogen
 - 7.11.1 Nel Hydrogen Details
 - 7.11.2 Nel Hydrogen Major Business
 - 7.11.3 Nel Hydrogen Non-perfluorinated Proton Exchange Membrane Product and Services
 - 7.11.4 Nel Hydrogen Non-perfluorinated Proton Exchange Membrane Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Nel Hydrogen Recent Developments/Updates
 - 7.11.6 Nel Hydrogen Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Non-perfluorinated Proton Exchange Membrane Industry Chain
- 8.2 Non-perfluorinated Proton Exchange Membrane Upstream Analysis
 - 8.2.1 Non-perfluorinated Proton Exchange Membrane Core Raw Materials
 - 8.2.2 Main Manufacturers of Non-perfluorinated Proton Exchange Membrane Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Non-perfluorinated Proton Exchange Membrane Production Mode
- 8.6 Non-perfluorinated Proton Exchange Membrane Procurement Model
- 8.7 Non-perfluorinated Proton Exchange Membrane Industry Sales Model and Sales Channels
 - 8.7.1 Non-perfluorinated Proton Exchange Membrane Sales Model
 - 8.7.2 Non-perfluorinated Proton Exchange Membrane Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Non-perfluorinated Proton Exchange Membrane Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Non-perfluorinated Proton Exchange Membrane Production Value by Region (2018-2023) & (USD Million)

Table 3. World Non-perfluorinated Proton Exchange Membrane Production Value by Region (2024-2029) & (USD Million)

Table 4. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Region (2018-2023)

Table 5. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Region (2024-2029)

Table 6. World Non-perfluorinated Proton Exchange Membrane Production by Region (2018-2023) & (K Sqm)

Table 7. World Non-perfluorinated Proton Exchange Membrane Production by Region (2024-2029) & (K Sqm)

Table 8. World Non-perfluorinated Proton Exchange Membrane Production Market Share by Region (2018-2023)

Table 9. World Non-perfluorinated Proton Exchange Membrane Production Market Share by Region (2024-2029)

Table 10. World Non-perfluorinated Proton Exchange Membrane Average Price by Region (2018-2023) & (US\$/Sqm)

Table 11. World Non-perfluorinated Proton Exchange Membrane Average Price by Region (2024-2029) & (US\$/Sqm)

Table 12. Non-perfluorinated Proton Exchange Membrane Major Market Trends

Table 13. World Non-perfluorinated Proton Exchange Membrane Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Sqm)

Table 14. World Non-perfluorinated Proton Exchange Membrane Consumption by Region (2018-2023) & (K Sqm)

Table 15. World Non-perfluorinated Proton Exchange Membrane Consumption Forecast by Region (2024-2029) & (K Sqm)

Table 16. World Non-perfluorinated Proton Exchange Membrane Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Non-perfluorinated Proton Exchange Membrane Producers in 2022

Table 18. World Non-perfluorinated Proton Exchange Membrane Production by Manufacturer (2018-2023) & (K Sqm)

Table 19. Production Market Share of Key Non-perfluorinated Proton Exchange Membrane Producers in 2022

Table 20. World Non-perfluorinated Proton Exchange Membrane Average Price by Manufacturer (2018-2023) & (US\$/Sqm)

Table 21. Global Non-perfluorinated Proton Exchange Membrane Company Evaluation Quadrant

Table 22. World Non-perfluorinated Proton Exchange Membrane Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Non-perfluorinated Proton Exchange Membrane Production Site of Key Manufacturer

Table 24. Non-perfluorinated Proton Exchange Membrane Market: Company Product Type Footprint

Table 25. Non-perfluorinated Proton Exchange Membrane Market: Company Product Application Footprint

Table 26. Non-perfluorinated Proton Exchange Membrane Competitive Factors

Table 27. Non-perfluorinated Proton Exchange Membrane New Entrant and Capacity Expansion Plans

Table 28. Non-perfluorinated Proton Exchange Membrane Mergers & Acquisitions Activity

Table 29. United States VS China Non-perfluorinated Proton Exchange Membrane Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Non-perfluorinated Proton Exchange Membrane Production Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 31. United States VS China Non-perfluorinated Proton Exchange Membrane Consumption Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 32. United States Based Non-perfluorinated Proton Exchange Membrane Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023) & (K Sqm)

Table 36. United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share (2018-2023)

Table 37. China Based Non-perfluorinated Proton Exchange Membrane Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023) & (K Sqm)

Table 41. China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share (2018-2023)

Table 42. Rest of World Based Non-perfluorinated Proton Exchange Membrane Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production (2018-2023) & (K Sqm)

Table 46. Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share (2018-2023)

Table 47. World Non-perfluorinated Proton Exchange Membrane Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Non-perfluorinated Proton Exchange Membrane Production by Type (2018-2023) & (K Sqm)

Table 49. World Non-perfluorinated Proton Exchange Membrane Production by Type (2024-2029) & (K Sqm)

Table 50. World Non-perfluorinated Proton Exchange Membrane Production Value by Type (2018-2023) & (USD Million)

Table 51. World Non-perfluorinated Proton Exchange Membrane Production Value by Type (2024-2029) & (USD Million)

Table 52. World Non-perfluorinated Proton Exchange Membrane Average Price by Type (2018-2023) & (US\$/Sqm)

Table 53. World Non-perfluorinated Proton Exchange Membrane Average Price by Type (2024-2029) & (US\$/Sqm)

Table 54. World Non-perfluorinated Proton Exchange Membrane Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Non-perfluorinated Proton Exchange Membrane Production by Application (2018-2023) & (K Sqm)

Table 56. World Non-perfluorinated Proton Exchange Membrane Production by Application (2024-2029) & (K Sqm)

Table 57. World Non-perfluorinated Proton Exchange Membrane Production Value by Application (2018-2023) & (USD Million)

Table 58. World Non-perfluorinated Proton Exchange Membrane Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Non-perfluorinated Proton Exchange Membrane Average Price by Application (2018-2023) & (US\$/Sqm)

Table 60. World Non-perfluorinated Proton Exchange Membrane Average Price by Application (2024-2029) & (US\$/Sqm)

Table 61. Ionomr Innovations Inc. Basic Information, Manufacturing Base and Competitors

Table 62. Ionomr Innovations Inc. Major Business

Table 63. Ionomr Innovations Inc. Non-perfluorinated Proton Exchange Membrane Product and Services

Table 64. Ionomr Innovations Inc. Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ionomr Innovations Inc. Recent Developments/Updates

Table 66. Ionomr Innovations Inc. Competitive Strengths & Weaknesses

Table 67. JSR Corporation Basic Information, Manufacturing Base and Competitors

Table 68. JSR Corporation Major Business

Table 69. JSR Corporation Non-perfluorinated Proton Exchange Membrane Product and Services

Table 70. JSR Corporation Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. JSR Corporation Recent Developments/Updates

Table 72. JSR Corporation Competitive Strengths & Weaknesses

Table 73. Asahi Glass Basic Information, Manufacturing Base and Competitors

Table 74. Asahi Glass Major Business

Table 75. Asahi Glass Non-perfluorinated Proton Exchange Membrane Product and Services

Table 76. Asahi Glass Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Asahi Glass Recent Developments/Updates

Table 78. Asahi Glass Competitive Strengths & Weaknesses

Table 79. Gore Basic Information, Manufacturing Base and Competitors

Table 80. Gore Major Business

Table 81. Gore Non-perfluorinated Proton Exchange Membrane Product and Services

Table 82. Gore Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Gore Recent Developments/Updates

Table 84. Gore Competitive Strengths & Weaknesses

Table 85. 3M Basic Information, Manufacturing Base and Competitors

Table 86. 3M Major Business

Table 87. 3M Non-perfluorinated Proton Exchange Membrane Product and Services

Table 88. 3M Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. 3M Recent Developments/Updates

Table 90. 3M Competitive Strengths & Weaknesses

Table 91. FuMA-Tech Basic Information, Manufacturing Base and Competitors

Table 92. FuMA-Tech Major Business

Table 93. FuMA-Tech Non-perfluorinated Proton Exchange Membrane Product and Services

Table 94. FuMA-Tech Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. FuMA-Tech Recent Developments/Updates

Table 96. FuMA-Tech Competitive Strengths & Weaknesses

Table 97. BASF Basic Information, Manufacturing Base and Competitors

Table 98. BASF Major Business

Table 99. BASF Non-perfluorinated Proton Exchange Membrane Product and Services

Table 100. BASF Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. BASF Recent Developments/Updates

Table 102. BASF Competitive Strengths & Weaknesses

Table 103. Solvay Basic Information, Manufacturing Base and Competitors

Table 104. Solvay Major Business

Table 105. Solvay Non-perfluorinated Proton Exchange Membrane Product and Services

Table 106. Solvay Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Solvay Recent Developments/Updates

Table 108. Solvay Competitive Strengths & Weaknesses

Table 109. ITM Power Basic Information, Manufacturing Base and Competitors

Table 110. ITM Power Major Business

Table 111. ITM Power Non-perfluorinated Proton Exchange Membrane Product and

Services

Table 112. ITM Power Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. ITM Power Recent Developments/Updates

Table 114. ITM Power Competitive Strengths & Weaknesses

Table 115. Dioxide Materials Basic Information, Manufacturing Base and Competitors

Table 116. Dioxide Materials Major Business

Table 117. Dioxide Materials Non-perfluorinated Proton Exchange Membrane Product and Services

Table 118. Dioxide Materials Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Dioxide Materials Recent Developments/Updates

Table 120. Nel Hydrogen Basic Information, Manufacturing Base and Competitors

Table 121. Nel Hydrogen Major Business

Table 122. Nel Hydrogen Non-perfluorinated Proton Exchange Membrane Product and Services

Table 123. Nel Hydrogen Non-perfluorinated Proton Exchange Membrane Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of Non-perfluorinated Proton Exchange Membrane Upstream (Raw Materials)

Table 125. Non-perfluorinated Proton Exchange Membrane Typical Customers

Table 126. Non-perfluorinated Proton Exchange Membrane Typical Distributors

List of Figure

Figure 1. Non-perfluorinated Proton Exchange Membrane Picture

Figure 2. World Non-perfluorinated Proton Exchange Membrane Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Non-perfluorinated Proton Exchange Membrane Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Non-perfluorinated Proton Exchange Membrane Production (2018-2029) & (K Sqm)

Figure 5. World Non-perfluorinated Proton Exchange Membrane Average Price (2018-2029) & (US\$/Sqm)

Figure 6. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Region (2018-2029)

Figure 7. World Non-perfluorinated Proton Exchange Membrane Production Market Share by Region (2018-2029)

Figure 8. North America Non-perfluorinated Proton Exchange Membrane Production (2018-2029) & (K Sqm)

Figure 9. Europe Non-perfluorinated Proton Exchange Membrane Production (2018-2029) & (K Sqm)

Figure 10. China Non-perfluorinated Proton Exchange Membrane Production (2018-2029) & (K Sqm)

Figure 11. Japan Non-perfluorinated Proton Exchange Membrane Production (2018-2029) & (K Sqm)

Figure 12. Non-perfluorinated Proton Exchange Membrane Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 15. World Non-perfluorinated Proton Exchange Membrane Consumption Market Share by Region (2018-2029)

Figure 16. United States Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 17. China Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 18. Europe Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 19. Japan Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 20. South Korea Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 21. ASEAN Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 22. India Non-perfluorinated Proton Exchange Membrane Consumption (2018-2029) & (K Sqm)

Figure 23. Producer Shipments of Non-perfluorinated Proton Exchange Membrane by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Non-perfluorinated Proton Exchange Membrane Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Non-perfluorinated Proton Exchange Membrane Markets in 2022

Figure 26. United States VS China: Non-perfluorinated Proton Exchange Membrane Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Non-perfluorinated Proton Exchange Membrane Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Non-perfluorinated Proton Exchange Membrane

Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share 2022

Figure 30. China Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Non-perfluorinated Proton Exchange Membrane Production Market Share 2022

Figure 32. World Non-perfluorinated Proton Exchange Membrane Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Type in 2022

Figure 34. Polymer Proton Exchange Membrane

Figure 35. Mineralized Proton Exchange Membrane

Figure 36. Composite Proton Exchange Membrane

Figure 37. Ionic Liquid Proton Exchange Membrane

Figure 38. World Non-perfluorinated Proton Exchange Membrane Production Market Share by Type (2018-2029)

Figure 39. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Type (2018-2029)

Figure 40. World Non-perfluorinated Proton Exchange Membrane Average Price by Type (2018-2029) & (US\$/Sqm)

Figure 41. World Non-perfluorinated Proton Exchange Membrane Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Application in 2022

Figure 43. Fuel Cell Industry

Figure 44. Electrolysis of Water and Hydrogen Production Industry

Figure 45. Others

Figure 46. World Non-perfluorinated Proton Exchange Membrane Production Market Share by Application (2018-2029)

Figure 47. World Non-perfluorinated Proton Exchange Membrane Production Value Market Share by Application (2018-2029)

Figure 48. World Non-perfluorinated Proton Exchange Membrane Average Price by Application (2018-2029) & (US\$/Sqm)

Figure 49. Non-perfluorinated Proton Exchange Membrane Industry Chain

Figure 50. Non-perfluorinated Proton Exchange Membrane Procurement Model

Figure 51. Non-perfluorinated Proton Exchange Membrane Sales Model

Figure 52. Non-perfluorinated Proton Exchange Membrane Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

I would like to order

Product name: Global Non-perfluorinated Proton Exchange Membrane Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEC9069C0851EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEC9069C0851EN.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

