

# Global Membrane Electrodes Proton Exchange Membrane Market Research Report 2023

<https://marketpublishers.com/r/G44A7ADE209AEN.html>

Date: October 2023

Pages: 140

Price: US\$ 2,900.00 (Single User License)

ID: G44A7ADE209AEN

## Abstracts

This report aims to provide a comprehensive presentation of the global market for Membrane Electrodes Proton Exchange Membrane, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Membrane Electrodes Proton Exchange Membrane.

The Membrane Electrodes Proton Exchange Membrane market size, estimations, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Membrane Electrodes Proton Exchange Membrane market comprehensively. Regional market sizes, concerning products by type, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Membrane Electrodes Proton Exchange Membrane manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by type, by application, and by regions.

By Company

DuPont

Dow

SOLVAY

AsahiKASEI

AGC

Chemours

GORE

Ballard

Dongyue Group Ltd.

Suzhou Kerun New Materials Co., Ltd

Zhejiang Hancheng Technology Co., Ltd

Sichuan EM Technology Co.,Ltd.

## Segment by Type

Perfluorinated Proton Exchange Membranes

Partially Fluorinated Proton Exchange Membranes

Fluorine-Free Proton Exchange Membranes

## Segment by Application

Fuel Cell

Chlor-Alkali Industry

## Hydrogen Generation by Water Electrolysis

Other

## Production by Region

North America

Europe

China

Japan

## Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America

Mexico

Brazil

## Core Chapters

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by type, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Detailed analysis of Membrane Electrodes Proton Exchange Membrane manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of Membrane Electrodes Proton Exchange Membrane by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 4: Consumption of Membrane Electrodes Proton Exchange Membrane in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of

each country in the world.

Chapter 5: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 8: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.

## Contents

### **1 MEMBRANE ELECTRODES PROTON EXCHANGE MEMBRANE MARKET OVERVIEW**

#### 1.1 Product Definition

#### 1.2 Membrane Electrodes Proton Exchange Membrane Segment by Type

##### 1.2.1 Global Membrane Electrodes Proton Exchange Membrane Market Value Growth Rate Analysis by Type 2022 VS 2029

##### 1.2.2 Perfluorinated Proton Exchange Membranes

##### 1.2.3 Partially Fluorinated Proton Exchange Membranes

##### 1.2.4 Fluorine-Free Proton Exchange Membranes

#### 1.3 Membrane Electrodes Proton Exchange Membrane Segment by Application

##### 1.3.1 Global Membrane Electrodes Proton Exchange Membrane Market Value Growth Rate Analysis by Application: 2022 VS 2029

##### 1.3.2 Fuel Cell

##### 1.3.3 Chlor-Alkali Industry

##### 1.3.4 Hydrogen Generation by Water Electrolysis

##### 1.3.5 Other

#### 1.4 Global Market Growth Prospects

##### 1.4.1 Global Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts (2018-2029)

##### 1.4.2 Global Membrane Electrodes Proton Exchange Membrane Production Capacity Estimates and Forecasts (2018-2029)

##### 1.4.3 Global Membrane Electrodes Proton Exchange Membrane Production Estimates and Forecasts (2018-2029)

##### 1.4.4 Global Membrane Electrodes Proton Exchange Membrane Market Average Price Estimates and Forecasts (2018-2029)

#### 1.5 Assumptions and Limitations

### **2 MARKET COMPETITION BY MANUFACTURERS**

#### 2.1 Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Manufacturers (2018-2023)

#### 2.2 Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Manufacturers (2018-2023)

#### 2.3 Global Key Players of Membrane Electrodes Proton Exchange Membrane, Industry Ranking, 2021 VS 2022 VS 2023

#### 2.4 Global Membrane Electrodes Proton Exchange Membrane Market Share by

Company Type (Tier 1, Tier 2 and Tier 3)

2.5 Global Membrane Electrodes Proton Exchange Membrane Average Price by Manufacturers (2018-2023)

2.6 Global Key Manufacturers of Membrane Electrodes Proton Exchange Membrane, Manufacturing Base Distribution and Headquarters

2.7 Global Key Manufacturers of Membrane Electrodes Proton Exchange Membrane, Product Offered and Application

2.8 Global Key Manufacturers of Membrane Electrodes Proton Exchange Membrane, Date of Enter into This Industry

2.9 Membrane Electrodes Proton Exchange Membrane Market Competitive Situation and Trends

2.9.1 Membrane Electrodes Proton Exchange Membrane Market Concentration Rate

2.9.2 Global 5 and 10 Largest Membrane Electrodes Proton Exchange Membrane Players Market Share by Revenue

2.10 Mergers & Acquisitions, Expansion

### **3 MEMBRANE ELECTRODES PROTON EXCHANGE MEMBRANE PRODUCTION BY REGION**

3.1 Global Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.2 Global Membrane Electrodes Proton Exchange Membrane Production Value by Region (2018-2029)

3.2.1 Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Region (2018-2023)

3.2.2 Global Forecasted Production Value of Membrane Electrodes Proton Exchange Membrane by Region (2024-2029)

3.3 Global Membrane Electrodes Proton Exchange Membrane Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.4 Global Membrane Electrodes Proton Exchange Membrane Production by Region (2018-2029)

3.4.1 Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Region (2018-2023)

3.4.2 Global Forecasted Production of Membrane Electrodes Proton Exchange Membrane by Region (2024-2029)

3.5 Global Membrane Electrodes Proton Exchange Membrane Market Price Analysis by Region (2018-2023)

3.6 Global Membrane Electrodes Proton Exchange Membrane Production and Value, Year-over-Year Growth

3.6.1 North America Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts (2018-2029)

3.6.2 Europe Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts (2018-2029)

3.6.3 China Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts (2018-2029)

3.6.4 Japan Membrane Electrodes Proton Exchange Membrane Production Value Estimates and Forecasts (2018-2029)

## **4 MEMBRANE ELECTRODES PROTON EXCHANGE MEMBRANE CONSUMPTION BY REGION**

4.1 Global Membrane Electrodes Proton Exchange Membrane Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

4.2 Global Membrane Electrodes Proton Exchange Membrane Consumption by Region (2018-2029)

4.2.1 Global Membrane Electrodes Proton Exchange Membrane Consumption by Region (2018-2023)

4.2.2 Global Membrane Electrodes Proton Exchange Membrane Forecasted Consumption by Region (2024-2029)

4.3 North America

4.3.1 North America Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.3.2 North America Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2029)

4.3.3 United States

4.3.4 Canada

4.4 Europe

4.4.1 Europe Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.4.2 Europe Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2029)

4.4.3 Germany

4.4.4 France

4.4.5 U.K.

4.4.6 Italy

4.4.7 Russia

4.5 Asia Pacific

4.5.1 Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption



## Growth Rate by Region: 2018 VS 2022 VS 2029

### 4.5.2 Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption by Region (2018-2029)

#### 4.5.3 China

#### 4.5.4 Japan

#### 4.5.5 South Korea

#### 4.5.6 China Taiwan

#### 4.5.7 Southeast Asia

#### 4.5.8 India

## 4.6 Latin America, Middle East & Africa

### 4.6.1 Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

### 4.6.2 Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2029)

#### 4.6.3 Mexico

#### 4.6.4 Brazil

#### 4.6.5 Turkey

## 5 SEGMENT BY TYPE

### 5.1 Global Membrane Electrodes Proton Exchange Membrane Production by Type (2018-2029)

#### 5.1.1 Global Membrane Electrodes Proton Exchange Membrane Production by Type (2018-2023)

#### 5.1.2 Global Membrane Electrodes Proton Exchange Membrane Production by Type (2024-2029)

#### 5.1.3 Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Type (2018-2029)

### 5.2 Global Membrane Electrodes Proton Exchange Membrane Production Value by Type (2018-2029)

#### 5.2.1 Global Membrane Electrodes Proton Exchange Membrane Production Value by Type (2018-2023)

#### 5.2.2 Global Membrane Electrodes Proton Exchange Membrane Production Value by Type (2024-2029)

#### 5.2.3 Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Type (2018-2029)

### 5.3 Global Membrane Electrodes Proton Exchange Membrane Price by Type (2018-2029)

## **6 SEGMENT BY APPLICATION**

6.1 Global Membrane Electrodes Proton Exchange Membrane Production by Application (2018-2029)

6.1.1 Global Membrane Electrodes Proton Exchange Membrane Production by Application (2018-2023)

6.1.2 Global Membrane Electrodes Proton Exchange Membrane Production by Application (2024-2029)

6.1.3 Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Application (2018-2029)

6.2 Global Membrane Electrodes Proton Exchange Membrane Production Value by Application (2018-2029)

6.2.1 Global Membrane Electrodes Proton Exchange Membrane Production Value by Application (2018-2023)

6.2.2 Global Membrane Electrodes Proton Exchange Membrane Production Value by Application (2024-2029)

6.2.3 Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Application (2018-2029)

6.3 Global Membrane Electrodes Proton Exchange Membrane Price by Application (2018-2029)

## **7 KEY COMPANIES PROFILED**

7.1 DuPont

7.1.1 DuPont Membrane Electrodes Proton Exchange Membrane Corporation Information

7.1.2 DuPont Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.1.3 DuPont Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.1.4 DuPont Main Business and Markets Served

7.1.5 DuPont Recent Developments/Updates

7.2 Dow

7.2.1 Dow Membrane Electrodes Proton Exchange Membrane Corporation Information

7.2.2 Dow Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.2.3 Dow Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.2.4 Dow Main Business and Markets Served

7.2.5 Dow Recent Developments/Updates

7.3 SOLVAY

7.3.1 SOLVAY Membrane Electrodes Proton Exchange Membrane Corporation Information

7.3.2 SOLVAY Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.3.3 SOLVAY Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.3.4 SOLVAY Main Business and Markets Served

7.3.5 SOLVAY Recent Developments/Updates

7.4 AsahiKASEI

7.4.1 AsahiKASEI Membrane Electrodes Proton Exchange Membrane Corporation Information

7.4.2 AsahiKASEI Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.4.3 AsahiKASEI Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.4.4 AsahiKASEI Main Business and Markets Served

7.4.5 AsahiKASEI Recent Developments/Updates

7.5 AGC

7.5.1 AGC Membrane Electrodes Proton Exchange Membrane Corporation Information

7.5.2 AGC Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.5.3 AGC Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.5.4 AGC Main Business and Markets Served

7.5.5 AGC Recent Developments/Updates

7.6 Chemours

7.6.1 Chemours Membrane Electrodes Proton Exchange Membrane Corporation Information

7.6.2 Chemours Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.6.3 Chemours Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.6.4 Chemours Main Business and Markets Served

7.6.5 Chemours Recent Developments/Updates

7.7 GORE

7.7.1 GORE Membrane Electrodes Proton Exchange Membrane Corporation Information

7.7.2 GORE Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.7.3 GORE Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.7.4 GORE Main Business and Markets Served

#### 7.7.5 GORE Recent Developments/Updates

### 7.8 Ballard

#### 7.8.1 Ballard Membrane Electrodes Proton Exchange Membrane Corporation Information

#### 7.8.2 Ballard Membrane Electrodes Proton Exchange Membrane Product Portfolio

#### 7.8.3 Ballard Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

#### 7.8.4 Ballard Main Business and Markets Served

#### 7.7.5 Ballard Recent Developments/Updates

### 7.9 Dongyue Group Ltd.

#### 7.9.1 Dongyue Group Ltd. Membrane Electrodes Proton Exchange Membrane Corporation Information

#### 7.9.2 Dongyue Group Ltd. Membrane Electrodes Proton Exchange Membrane Product Portfolio

#### 7.9.3 Dongyue Group Ltd. Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

#### 7.9.4 Dongyue Group Ltd. Main Business and Markets Served

#### 7.9.5 Dongyue Group Ltd. Recent Developments/Updates

### 7.10 Suzhou Kerun New Materials Co., Ltd

#### 7.10.1 Suzhou Kerun New Materials Co., Ltd Membrane Electrodes Proton Exchange Membrane Corporation Information

#### 7.10.2 Suzhou Kerun New Materials Co., Ltd Membrane Electrodes Proton Exchange Membrane Product Portfolio

#### 7.10.3 Suzhou Kerun New Materials Co., Ltd Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

#### 7.10.4 Suzhou Kerun New Materials Co., Ltd Main Business and Markets Served

#### 7.10.5 Suzhou Kerun New Materials Co., Ltd Recent Developments/Updates

### 7.11 Zhejiang Hancheng Technology Co., Ltd

#### 7.11.1 Zhejiang Hancheng Technology Co., Ltd Membrane Electrodes Proton Exchange Membrane Corporation Information

#### 7.11.2 Zhejiang Hancheng Technology Co., Ltd Membrane Electrodes Proton Exchange Membrane Product Portfolio

#### 7.11.3 Zhejiang Hancheng Technology Co., Ltd Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

#### 7.11.4 Zhejiang Hancheng Technology Co., Ltd Main Business and Markets Served

#### 7.11.5 Zhejiang Hancheng Technology Co., Ltd Recent Developments/Updates

### 7.12 Sichuan EM Technology Co.,Ltd.

#### 7.12.1 Sichuan EM Technology Co.,Ltd. Membrane Electrodes Proton Exchange Membrane Corporation Information

7.12.2 Sichuan EM Technology Co.,Ltd. Membrane Electrodes Proton Exchange Membrane Product Portfolio

7.12.3 Sichuan EM Technology Co.,Ltd. Membrane Electrodes Proton Exchange Membrane Production, Value, Price and Gross Margin (2018-2023)

7.12.4 Sichuan EM Technology Co.,Ltd. Main Business and Markets Served

7.12.5 Sichuan EM Technology Co.,Ltd. Recent Developments/Updates

## **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

8.1 Membrane Electrodes Proton Exchange Membrane Industry Chain Analysis

8.2 Membrane Electrodes Proton Exchange Membrane Key Raw Materials

8.2.1 Key Raw Materials

8.2.2 Raw Materials Key Suppliers

8.3 Membrane Electrodes Proton Exchange Membrane Production Mode & Process

8.4 Membrane Electrodes Proton Exchange Membrane Sales and Marketing

8.4.1 Membrane Electrodes Proton Exchange Membrane Sales Channels

8.4.2 Membrane Electrodes Proton Exchange Membrane Distributors

8.5 Membrane Electrodes Proton Exchange Membrane Customers

## **9 MEMBRANE ELECTRODES PROTON EXCHANGE MEMBRANE MARKET DYNAMICS**

9.1 Membrane Electrodes Proton Exchange Membrane Industry Trends

9.2 Membrane Electrodes Proton Exchange Membrane Market Drivers

9.3 Membrane Electrodes Proton Exchange Membrane Market Challenges

9.4 Membrane Electrodes Proton Exchange Membrane Market Restraints

## **10 RESEARCH FINDING AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

11.1 Methodology/Research Approach

11.1.1 Research Programs/Design

11.1.2 Market Size Estimation

11.1.3 Market Breakdown and Data Triangulation

11.2 Data Source

11.2.1 Secondary Sources

11.2.2 Primary Sources

11.3 Author List

## 11.4 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Membrane Electrodes Proton Exchange Membrane Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global Membrane Electrodes Proton Exchange Membrane Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Membrane Electrodes Proton Exchange Membrane Production Capacity (K Sqm) by Manufacturers in 2022

Table 4. Global Membrane Electrodes Proton Exchange Membrane Production by Manufacturers (2018-2023) & (K Sqm)

Table 5. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Manufacturers (2018-2023)

Table 6. Global Membrane Electrodes Proton Exchange Membrane Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Membrane Electrodes Proton Exchange Membrane Production Value Share by Manufacturers (2018-2023)

Table 8. Global Membrane Electrodes Proton Exchange Membrane Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Membrane Electrodes Proton Exchange Membrane as of 2022)

Table 10. Global Market Membrane Electrodes Proton Exchange Membrane Average Price by Manufacturers (US\$/Sqm) & (2018-2023)

Table 11. Manufacturers Membrane Electrodes Proton Exchange Membrane Production Sites and Area Served

Table 12. Manufacturers Membrane Electrodes Proton Exchange Membrane Product Types

Table 13. Global Membrane Electrodes Proton Exchange Membrane Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Membrane Electrodes Proton Exchange Membrane Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Region (2018-2023)

Table 18. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share Forecast by Region (2024-2029)

Table 20. Global Membrane Electrodes Proton Exchange Membrane Production Comparison by Region: 2018 VS 2022 VS 2029 (K Sqm)

Table 21. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) by Region (2018-2023)

Table 22. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Region (2018-2023)

Table 23. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) Forecast by Region (2024-2029)

Table 24. Global Membrane Electrodes Proton Exchange Membrane Production Market Share Forecast by Region (2024-2029)

Table 25. Global Membrane Electrodes Proton Exchange Membrane Market Average Price (US\$/Sqm) by Region (2018-2023)

Table 26. Global Membrane Electrodes Proton Exchange Membrane Market Average Price (US\$/Sqm) by Region (2024-2029)

Table 27. Global Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Sqm)

Table 28. Global Membrane Electrodes Proton Exchange Membrane Consumption by Region (2018-2023) & (K Sqm)

Table 29. Global Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Region (2018-2023)

Table 30. Global Membrane Electrodes Proton Exchange Membrane Forecasted Consumption by Region (2024-2029) & (K Sqm)

Table 31. Global Membrane Electrodes Proton Exchange Membrane Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Sqm)

Table 33. North America Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2023) & (K Sqm)

Table 34. North America Membrane Electrodes Proton Exchange Membrane Consumption by Country (2024-2029) & (K Sqm)

Table 35. Europe Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Sqm)

Table 36. Europe Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2023) & (K Sqm)

Table 37. Europe Membrane Electrodes Proton Exchange Membrane Consumption by Country (2024-2029) & (K Sqm)

Table 38. Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption



Growth Rate by Region: 2018 VS 2022 VS 2029 (K Sqm)

Table 39. Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption by Region (2018-2023) & (K Sqm)

Table 40. Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption by Region (2024-2029) & (K Sqm)

Table 41. Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Sqm)

Table 42. Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption by Country (2018-2023) & (K Sqm)

Table 43. Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption by Country (2024-2029) & (K Sqm)

Table 44. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) by Type (2018-2023)

Table 45. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) by Type (2024-2029)

Table 46. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Type (2018-2023)

Table 47. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Type (2024-2029)

Table 48. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global Membrane Electrodes Proton Exchange Membrane Production Value Share by Type (2018-2023)

Table 51. Global Membrane Electrodes Proton Exchange Membrane Production Value Share by Type (2024-2029)

Table 52. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Type (2018-2023)

Table 53. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Type (2024-2029)

Table 54. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) by Application (2018-2023)

Table 55. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) by Application (2024-2029)

Table 56. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Application (2018-2023)

Table 57. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Application (2024-2029)

Table 58. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) by Application (2018-2023)

Table 59. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Membrane Electrodes Proton Exchange Membrane Production Value Share by Application (2018-2023)

Table 61. Global Membrane Electrodes Proton Exchange Membrane Production Value Share by Application (2024-2029)

Table 62. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Application (2018-2023)

Table 63. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Application (2024-2029)

Table 64. DuPont Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 65. DuPont Specification and Application

Table 66. DuPont Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 67. DuPont Main Business and Markets Served

Table 68. DuPont Recent Developments/Updates

Table 69. Dow Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 70. Dow Specification and Application

Table 71. Dow Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 72. Dow Main Business and Markets Served

Table 73. Dow Recent Developments/Updates

Table 74. SOLVAY Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 75. SOLVAY Specification and Application

Table 76. SOLVAY Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 77. SOLVAY Main Business and Markets Served

Table 78. SOLVAY Recent Developments/Updates

Table 79. AsahiKASEI Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 80. AsahiKASEI Specification and Application

Table 81. AsahiKASEI Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 82. AsahiKASEI Main Business and Markets Served

- Table 83. AsahiKASEI Recent Developments/Updates
- Table 84. AGC Membrane Electrodes Proton Exchange Membrane Corporation Information
- Table 85. AGC Specification and Application
- Table 86. AGC Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)
- Table 87. AGC Main Business and Markets Served
- Table 88. AGC Recent Developments/Updates
- Table 89. Chemours Membrane Electrodes Proton Exchange Membrane Corporation Information
- Table 90. Chemours Specification and Application
- Table 91. Chemours Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)
- Table 92. Chemours Main Business and Markets Served
- Table 93. Chemours Recent Developments/Updates
- Table 94. GORE Membrane Electrodes Proton Exchange Membrane Corporation Information
- Table 95. GORE Specification and Application
- Table 96. GORE Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)
- Table 97. GORE Main Business and Markets Served
- Table 98. GORE Recent Developments/Updates
- Table 99. Ballard Membrane Electrodes Proton Exchange Membrane Corporation Information
- Table 100. Ballard Specification and Application
- Table 101. Ballard Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)
- Table 102. Ballard Main Business and Markets Served
- Table 103. Ballard Recent Developments/Updates
- Table 104. Dongyue Group Ltd. Membrane Electrodes Proton Exchange Membrane Corporation Information
- Table 105. Dongyue Group Ltd. Specification and Application
- Table 106. Dongyue Group Ltd. Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)
- Table 107. Dongyue Group Ltd. Main Business and Markets Served
- Table 108. Dongyue Group Ltd. Recent Developments/Updates
- Table 109. Suzhou Kerun New Materials Co., Ltd Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 110. Suzhou Kerun New Materials Co., Ltd Specification and Application

Table 111. Suzhou Kerun New Materials Co., Ltd Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 112. Suzhou Kerun New Materials Co., Ltd Main Business and Markets Served

Table 113. Suzhou Kerun New Materials Co., Ltd Recent Developments/Updates

Table 114. Zhejiang Hancheng Technology Co., Ltd Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 115. Zhejiang Hancheng Technology Co., Ltd Specification and Application

Table 116. Zhejiang Hancheng Technology Co., Ltd Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 117. Zhejiang Hancheng Technology Co., Ltd Main Business and Markets Served

Table 118. Zhejiang Hancheng Technology Co., Ltd Recent Developments/Updates

Table 119. Sichuan EM Technology Co.,Ltd. Membrane Electrodes Proton Exchange Membrane Corporation Information

Table 120. Sichuan EM Technology Co.,Ltd. Specification and Application

Table 121. Sichuan EM Technology Co.,Ltd. Membrane Electrodes Proton Exchange Membrane Production (K Sqm), Value (US\$ Million), Price (US\$/Sqm) and Gross Margin (2018-2023)

Table 122. Sichuan EM Technology Co.,Ltd. Main Business and Markets Served

Table 123. Sichuan EM Technology Co.,Ltd. Recent Developments/Updates

Table 124. Key Raw Materials Lists

Table 125. Raw Materials Key Suppliers Lists

Table 126. Membrane Electrodes Proton Exchange Membrane Distributors List

Table 127. Membrane Electrodes Proton Exchange Membrane Customers List

Table 128. Membrane Electrodes Proton Exchange Membrane Market Trends

Table 129. Membrane Electrodes Proton Exchange Membrane Market Drivers

Table 130. Membrane Electrodes Proton Exchange Membrane Market Challenges

Table 131. Membrane Electrodes Proton Exchange Membrane Market Restraints

Table 132. Research Programs/Design for This Report

Table 133. Key Data Information from Secondary Sources

Table 134. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Membrane Electrodes Proton Exchange Membrane
- Figure 2. Global Membrane Electrodes Proton Exchange Membrane Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global Membrane Electrodes Proton Exchange Membrane Market Share by Type: 2022 VS 2029
- Figure 4. Perfluorinated Proton Exchange Membranes Product Picture
- Figure 5. Partially Fluorinated Proton Exchange Membranes Product Picture
- Figure 6. Fluorine-Free Proton Exchange Membranes Product Picture
- Figure 7. Global Membrane Electrodes Proton Exchange Membrane Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 8. Global Membrane Electrodes Proton Exchange Membrane Market Share by Application: 2022 VS 2029
- Figure 9. Fuel Cell
- Figure 10. Chlor-Alkali Industry
- Figure 11. Hydrogen Generation by Water Electrolysis
- Figure 12. Other
- Figure 13. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 14. Global Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) & (2018-2029)
- Figure 15. Global Membrane Electrodes Proton Exchange Membrane Production Capacity (K Sqm) & (2018-2029)
- Figure 16. Global Membrane Electrodes Proton Exchange Membrane Production (K Sqm) & (2018-2029)
- Figure 17. Global Membrane Electrodes Proton Exchange Membrane Average Price (US\$/Sqm) & (2018-2029)
- Figure 18. Membrane Electrodes Proton Exchange Membrane Report Years Considered
- Figure 19. Membrane Electrodes Proton Exchange Membrane Production Share by Manufacturers in 2022
- Figure 20. Membrane Electrodes Proton Exchange Membrane Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 21. The Global 5 and 10 Largest Players: Market Share by Membrane Electrodes Proton Exchange Membrane Revenue in 2022
- Figure 22. Global Membrane Electrodes Proton Exchange Membrane Production Value

by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 23. Global Membrane Electrodes Proton Exchange Membrane Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 24. Global Membrane Electrodes Proton Exchange Membrane Production Comparison by Region: 2018 VS 2022 VS 2029 (K Sqm)

Figure 25. Global Membrane Electrodes Proton Exchange Membrane Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 26. North America Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. Europe Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. China Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Japan Membrane Electrodes Proton Exchange Membrane Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Global Membrane Electrodes Proton Exchange Membrane Consumption by Region: 2018 VS 2022 VS 2029 (K Sqm)

Figure 31. Global Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 32. North America Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 33. North America Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Country (2018-2029)

Figure 34. Canada Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 35. U.S. Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 36. Europe Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 37. Europe Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Country (2018-2029)

Figure 38. Germany Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 39. France Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 40. U.K. Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 41. Italy Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 42. Russia Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 43. Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 44. Asia Pacific Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Regions (2018-2029)

Figure 45. China Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 46. Japan Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 47. South Korea Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 48. China Taiwan Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 49. Southeast Asia Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 50. India Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 51. Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 52. Latin America, Middle East & Africa Membrane Electrodes Proton Exchange Membrane Consumption Market Share by Country (2018-2029)

Figure 53. Mexico Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 54. Brazil Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 55. Turkey Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 56. GCC Countries Membrane Electrodes Proton Exchange Membrane Consumption and Growth Rate (2018-2023) & (K Sqm)

Figure 57. Global Production Market Share of Membrane Electrodes Proton Exchange Membrane by Type (2018-2029)

Figure 58. Global Production Value Market Share of Membrane Electrodes Proton Exchange Membrane by Type (2018-2029)

Figure 59. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Type (2018-2029)

Figure 60. Global Production Market Share of Membrane Electrodes Proton Exchange Membrane by Application (2018-2029)

Figure 61. Global Production Value Market Share of Membrane Electrodes Proton

Exchange Membrane by Application (2018-2029)

Figure 62. Global Membrane Electrodes Proton Exchange Membrane Price (US\$/Sqm) by Application (2018-2029)

Figure 63. Membrane Electrodes Proton Exchange Membrane Value Chain

Figure 64. Membrane Electrodes Proton Exchange Membrane Production Process

Figure 65. Channels of Distribution (Direct Vs Distribution)

Figure 66. Distributors Profiles

Figure 67. Bottom-up and Top-down Approaches for This Report

Figure 68. Data Triangulation



## I would like to order

Product name: Global Membrane Electrodes Proton Exchange Membrane Market Research Report 2023

Product link: <https://marketpublishers.com/r/G44A7ADE209AEN.html>

Price: US\$ 2,900.00 (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/G44A7ADE209AEN.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