

# Global Proton Exchange Membrane Coating Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G3505FF79FE7EN.html>

Date: July 2024

Pages: 118

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

ID: G3505FF79FE7EN

## Abstracts

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

Proton-exchange membrane coating is a coating process that applies Proton-exchange membrane to various equipment and materials. Proton-exchange membrane (pem) is a special membrane with good proton conduction and chemical stability. It is usually made of polymer materials, such as fluorinated polymers (such as polytetrafluoroethylene) or sulfonic acid polymers (such as polystyrene sulfonic acid). Proton-exchange membrane can conduct protons in water, so it is widely used in fuel cells, electrolytic cells and other equipment. Proton-exchange membrane coating is the process of coating Proton-exchange membrane on the surface of other materials. The coating process usually includes the following steps: 1 Preparation of substrates: Select suitable substrates such as metal, glass fiber, etc. for surface treatment to improve the adhesion and stability of the coating. 2. Preparation of coating material: dissolve or suspend the Proton-exchange membrane in appropriate solvent or dispersant to form coating material. 3. Coating process: The coating material is evenly coated on the surface of the substrate, and can be coated using methods such as scraping, spraying, and impregnation. 4. Drying and curing: drying and curing the Proton-exchange membrane coated on the substrate to form a stable membrane structure. Proton-exchange membrane coating can be applied in different industries and fields. For example, in the field of fuel cells, Proton-exchange membrane coating can be used to manufacture Proton-exchange membrane electrodes of fuel cells to improve the performance and stability of fuel cells. In the chemical industry, Proton-exchange membrane coating can be used to manufacture membrane separation equipment to achieve efficient separation and purification processes. In the electronics industry,

Proton-exchange membrane coating can be used to manufacture electronic devices, such as batteries and capacitors, to improve their performance and stability.

This report studies the global Proton Exchange Membrane Coating demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Proton Exchange Membrane Coating, 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 Proton Exchange Membrane Coating that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Proton Exchange Membrane Coating total market, 2018-2029, (USD Million)

Global Proton Exchange Membrane Coating total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Proton Exchange Membrane Coating total market, key domestic companies and share, (USD Million)

Global Proton Exchange Membrane Coating revenue by player and market share 2018-2023, (USD Million)

Global Proton Exchange Membrane Coating total market by Type, CAGR, 2018-2029, (USD Million)

Global Proton Exchange Membrane Coating total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Proton Exchange Membrane Coating market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 3M, DuPont, BASF, Solvay, Arkema, Dow Chemical, Mitsui Chemicals, Asahi Kasei and LG Chem, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

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

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, 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 Proton Exchange Membrane Coating Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Proton Exchange Membrane Coating Market, Segmentation by Type

Spray Coating

Knife Coating

Dip Coating

Vacuum Roll Coating

Hot Press Coating

## Global Proton Exchange Membrane Coating Market, Segmentation by Application

Electronic Industry

Fuel Cell Industry

Chemical Industry

Medical Industry

Others

## Companies Profiled:

3M

DuPont

BASF

Solvay

Arkema

Dow Chemical

Mitsui Chemicals

Asahi Kasei

LG Chem

Toray Industries

Sumitomo Chemical

Merck KGaA

UBE Industries

Evonik Industries

Ion Exchange India Ltd.

### Key Questions Answered

1. How big is the global Proton Exchange Membrane Coating market?
2. What is the demand of the global Proton Exchange Membrane Coating market?
3. What is the year over year growth of the global Proton Exchange Membrane Coating market?
4. What is the total value of the global Proton Exchange Membrane Coating market?
5. Who are the major players in the global Proton Exchange Membrane Coating market?
6. What are the growth factors driving the market demand?

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