

COVID-19 Outbreak-Global Proton Exchange Membrane (PEM) Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

<https://marketpublishers.com/r/CF53E5D93D80EN.html>

Date: August 2020

Pages: 130

Price: US\$ 3,660.00 (Single User License)

ID: CF53E5D93D80EN

Abstracts

A proton-exchange membrane, or polymer-electrolyte membrane (PEM), is a semipermeable membrane generally made from ionomers and designed to conduct protons while acting as an electronic insulator and reactant barrier, e.g. to oxygen and hydrogen gas.

The Proton Exchange Membrane (PEM) market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Proton Exchange Membrane (PEM) industry. Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Proton Exchange Membrane (PEM) market can be split based on product types, major applications, and important countries as follows:

Key players in the global Proton Exchange Membrane (PEM) market covered in Chapter 12:

Ballard Power Systems
ReliOn
NedStack
Demirdokum
Giner
Lynntech
PEMEAS USA
UTC Power (UTC Fuel Cells)
Johnson Matthey
Atlantic Fuel Cell
Electrochem
Vestel Elektronik
WL Gore
Plug Power
Hydrogenics
DuPont Fuel Cells
3M
NuVant Systems
E-TEK Inc

In Chapter 4 and 14.1, on the basis of types, the Proton Exchange Membrane (PEM) market from 2015 to 2025 is primarily split into:

Polyaromatic Polymers Membrane
Partially Fluorinated Polymers Membrane

In Chapter 5 and 14.2, on the basis of applications, the Proton Exchange Membrane (PEM) market from 2015 to 2025 covers:

Portable Power Supply
Power of the Vehicles
Decentralized Power Station
Others

Geographically, the detailed analysis of consumption, revenue, market share and

growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)

United States

Canada

Mexico

Europe (Covered in Chapter 8 and 14)

Germany

UK

France

Italy

Spain

Russia

Others

Asia-Pacific (Covered in Chapter 9 and 14)

China

Japan

South Korea

Australia

India

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 10 and 14)

Saudi Arabia

UAE

Egypt

Nigeria

South Africa

Others

South America (Covered in Chapter 11 and 14)

Brazil

Argentina

Columbia

Chile

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 PROTON EXCHANGE MEMBRANE (PEM) INTRODUCTION AND MARKET OVERVIEW

- 1.1 Objectives of the Study
- 1.2 Overview of Proton Exchange Membrane (PEM)
- 1.3 Scope of The Study
 - 1.3.1 Key Market Segments
 - 1.3.2 Players Covered
 - 1.3.3 COVID-19's impact on the Proton Exchange Membrane (PEM) industry
- 1.4 Methodology of The Study
- 1.5 Research Data Source

2 EXECUTIVE SUMMARY

- 2.1 Market Overview
 - 2.1.1 Global Proton Exchange Membrane (PEM) Market Size, 2015 – 2020
 - 2.1.2 Global Proton Exchange Membrane (PEM) Market Size by Type, 2015 – 2020
 - 2.1.3 Global Proton Exchange Membrane (PEM) Market Size by Application, 2015 – 2020
 - 2.1.4 Global Proton Exchange Membrane (PEM) Market Size by Region, 2015 - 2025
- 2.2 Business Environment Analysis
 - 2.2.1 Global COVID-19 Status and Economic Overview
 - 2.2.2 Influence of COVID-19 Outbreak on Proton Exchange Membrane (PEM) Industry Development

3 INDUSTRY CHAIN ANALYSIS

- 3.1 Upstream Raw Material Suppliers of Proton Exchange Membrane (PEM) Analysis
- 3.2 Major Players of Proton Exchange Membrane (PEM)
- 3.3 Proton Exchange Membrane (PEM) Manufacturing Cost Structure Analysis
 - 3.3.1 Production Process Analysis
 - 3.3.2 Manufacturing Cost Structure of Proton Exchange Membrane (PEM)
 - 3.3.3 Labor Cost of Proton Exchange Membrane (PEM)
- 3.4 Market Distributors of Proton Exchange Membrane (PEM)
- 3.5 Major Downstream Buyers of Proton Exchange Membrane (PEM) Analysis
- 3.6 The Impact of Covid-19 From the Perspective of Industry Chain
- 3.7 Regional Import and Export Controls Will Exist for a Long Time

3.8 Continued downward PMI Spreads Globally

4 GLOBAL PROTON EXCHANGE MEMBRANE (PEM) MARKET, BY TYPE

4.1 Global Proton Exchange Membrane (PEM) Value and Market Share by Type (2015-2020)

4.2 Global Proton Exchange Membrane (PEM) Production and Market Share by Type (2015-2020)

4.3 Global Proton Exchange Membrane (PEM) Value and Growth Rate by Type (2015-2020)

4.3.1 Global Proton Exchange Membrane (PEM) Value and Growth Rate of Polyaromatic Polymers Membrane

4.3.2 Global Proton Exchange Membrane (PEM) Value and Growth Rate of Partially Fluorinated Polymers Membrane

4.4 Global Proton Exchange Membrane (PEM) Price Analysis by Type (2015-2020)

5 PROTON EXCHANGE MEMBRANE (PEM) MARKET, BY APPLICATION

5.1 Downstream Market Overview

5.2 Global Proton Exchange Membrane (PEM) Consumption and Market Share by Application (2015-2020)

5.3 Global Proton Exchange Membrane (PEM) Consumption and Growth Rate by Application (2015-2020)

5.3.1 Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Portable Power Supply (2015-2020)

5.3.2 Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Power of the Vehicles (2015-2020)

5.3.3 Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Decentralized Power Station (2015-2020)

5.3.4 Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Others (2015-2020)

6 GLOBAL PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY REGIONS

6.1 Global Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Regions

6.1.1 Global Proton Exchange Membrane (PEM) Sales by Regions (2015-2020)

6.1.2 Global Proton Exchange Membrane (PEM) Revenue by Regions (2015-2020)

6.2 North America Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

6.3 Europe Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

6.4 Asia-Pacific Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

6.5 Middle East and Africa Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

6.6 South America Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

7 NORTH AMERICA PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY COUNTRIES

7.1 The Influence of COVID-19 on North America Market

7.2 North America Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Countries

7.2.1 North America Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

7.2.2 North America Proton Exchange Membrane (PEM) Revenue by Countries (2015-2020)

7.3 United States Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

7.4 Canada Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

7.5 Mexico Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8 EUROPE PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY COUNTRIES

8.1 The Influence of COVID-19 on Europe Market

8.2 Europe Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Countries

8.2.1 Europe Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

8.2.2 Europe Proton Exchange Membrane (PEM) Revenue by Countries (2015-2020)

8.3 Germany Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8.4 UK Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8.5 France Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8.6 Italy Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8.7 Spain Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

8.8 Russia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9 ASIA PACIFIC PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY COUNTRIES

9.1 The Influence of COVID-19 on Asia Pacific Market

9.2 Asia Pacific Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Countries

9.2.1 Asia Pacific Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

9.2.2 Asia Pacific Proton Exchange Membrane (PEM) Revenue by Countries (2015-2020)

9.3 China Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9.4 Japan Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9.5 South Korea Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9.6 India Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9.7 Southeast Asia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

9.8 Australia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

10 MIDDLE EAST AND AFRICA PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY COUNTRIES

10.1 The Influence of COVID-19 on Middle East and Africa Market

10.2 Middle East and Africa Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Countries

10.2.1 Middle East and Africa Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

10.2.2 Middle East and Africa Proton Exchange Membrane (PEM) Revenue by Countries (2015-2020)

10.3 Saudi Arabia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

10.4 UAE Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

10.5 Egypt Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

10.6 Nigeria Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

10.7 South Africa Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

11 SOUTH AMERICA PROTON EXCHANGE MEMBRANE (PEM) MARKET ANALYSIS BY COUNTRIES

11.1 The Influence of COVID-19 on Middle East and Africa Market

11.2 South America Proton Exchange Membrane (PEM) Sales, Revenue and Market Share by Countries

11.2.1 South America Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

11.2.2 South America Proton Exchange Membrane (PEM) Revenue by Countries (2015-2020)

11.3 Brazil Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

11.4 Argentina Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

11.5 Columbia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

11.6 Chile Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

12 COMPETITIVE LANDSCAPE

12.1 Ballard Power Systems

12.1.1 Ballard Power Systems Basic Information

12.1.2 Proton Exchange Membrane (PEM) Product Introduction

12.1.3 Ballard Power Systems Production, Value, Price, Gross Margin 2015-2020

12.2 ReliOn

12.2.1 ReliOn Basic Information

12.2.2 Proton Exchange Membrane (PEM) Product Introduction

12.2.3 ReliOn Production, Value, Price, Gross Margin 2015-2020

12.3 NedStack

12.3.1 NedStack Basic Information

12.3.2 Proton Exchange Membrane (PEM) Product Introduction

12.3.3 NedStack Production, Value, Price, Gross Margin 2015-2020

12.4 Demirdokum

12.4.1 Demirdokum Basic Information

12.4.2 Proton Exchange Membrane (PEM) Product Introduction

12.4.3 Demirdokum Production, Value, Price, Gross Margin 2015-2020

12.5 Giner

12.5.1 Giner Basic Information

12.5.2 Proton Exchange Membrane (PEM) Product Introduction

12.5.3 Giner Production, Value, Price, Gross Margin 2015-2020

12.6 Lynntech

12.6.1 Lynntech Basic Information

12.6.2 Proton Exchange Membrane (PEM) Product Introduction

12.6.3 Lynntech Production, Value, Price, Gross Margin 2015-2020

12.7 PEMEAS USA

12.7.1 PEMEAS USA Basic Information

12.7.2 Proton Exchange Membrane (PEM) Product Introduction

12.7.3 PEMEAS USA Production, Value, Price, Gross Margin 2015-2020

12.8 UTC Power (UTC Fuel Cells)

12.8.1 UTC Power (UTC Fuel Cells) Basic Information

12.8.2 Proton Exchange Membrane (PEM) Product Introduction

12.8.3 UTC Power (UTC Fuel Cells) Production, Value, Price, Gross Margin 2015-2020

12.9 Johnson Matthey

12.9.1 Johnson Matthey Basic Information

12.9.2 Proton Exchange Membrane (PEM) Product Introduction

12.9.3 Johnson Matthey Production, Value, Price, Gross Margin 2015-2020

12.10 Atlantic Fuel Cell

12.10.1 Atlantic Fuel Cell Basic Information

12.10.2 Proton Exchange Membrane (PEM) Product Introduction

12.10.3 Atlantic Fuel Cell Production, Value, Price, Gross Margin 2015-2020

12.11 Electrochem

12.11.1 Electrochem Basic Information

12.11.2 Proton Exchange Membrane (PEM) Product Introduction

12.11.3 Electrochem Production, Value, Price, Gross Margin 2015-2020

12.12 Vestel Elektronik

12.12.1 Vestel Elektronik Basic Information

12.12.2 Proton Exchange Membrane (PEM) Product Introduction

12.12.3 Vestel Elektronik Production, Value, Price, Gross Margin 2015-2020

12.13 WL Gore

12.13.1 WL Gore Basic Information

12.13.2 Proton Exchange Membrane (PEM) Product Introduction

12.13.3 WL Gore Production, Value, Price, Gross Margin 2015-2020

12.14 Plug Power

12.14.1 Plug Power Basic Information

12.14.2 Proton Exchange Membrane (PEM) Product Introduction

12.14.3 Plug Power Production, Value, Price, Gross Margin 2015-2020

12.15 Hydrogenics

12.15.1 Hydrogenics Basic Information

12.15.2 Proton Exchange Membrane (PEM) Product Introduction

12.15.3 Hydrogenics Production, Value, Price, Gross Margin 2015-2020

12.16 DuPont Fuel Cells

12.16.1 DuPont Fuel Cells Basic Information

12.16.2 Proton Exchange Membrane (PEM) Product Introduction

12.16.3 DuPont Fuel Cells Production, Value, Price, Gross Margin 2015-2020

12.17 3M

12.17.1 3M Basic Information

12.17.2 Proton Exchange Membrane (PEM) Product Introduction

12.17.3 3M Production, Value, Price, Gross Margin 2015-2020

12.18 NuVant Systems

12.18.1 NuVant Systems Basic Information

12.18.2 Proton Exchange Membrane (PEM) Product Introduction

12.18.3 NuVant Systems Production, Value, Price, Gross Margin 2015-2020

12.19 E-TEK Inc

12.19.1 E-TEK Inc Basic Information

12.19.2 Proton Exchange Membrane (PEM) Product Introduction

12.19.3 E-TEK Inc Production, Value, Price, Gross Margin 2015-2020

13 INDUSTRY OUTLOOK

13.1 Market Driver Analysis

13.1.2 Market Restraints Analysis

13.1.3 Market Trends Analysis

13.2 Merger, Acquisition and New Investment

13.3 News of Product Release

14 GLOBAL PROTON EXCHANGE MEMBRANE (PEM) MARKET FORECAST

14.1 Global Proton Exchange Membrane (PEM) Market Value & Volume Forecast, by Type (2020-2025)

14.1.1 Polyaromatic Polymers Membrane Market Value and Volume Forecast (2020-2025)

14.1.2 Partially Fluorinated Polymers Membrane Market Value and Volume Forecast (2020-2025)

14.2 Global Proton Exchange Membrane (PEM) Market Value & Volume Forecast, by Application (2020-2025)

14.2.1 Portable Power Supply Market Value and Volume Forecast (2020-2025)

14.2.2 Power of the Vehicles Market Value and Volume Forecast (2020-2025)

14.2.3 Decentralized Power Station Market Value and Volume Forecast (2020-2025)

14.2.4 Others Market Value and Volume Forecast (2020-2025)

14.3 Proton Exchange Membrane (PEM) Market Analysis and Forecast by Region

14.3.1 North America Market Value and Consumption Forecast (2020-2025)

14.3.2 Europe Market Value and Consumption Forecast (2020-2025)

14.3.3 Asia Pacific Market Value and Consumption Forecast (2020-2025)

14.3.4 Middle East and Africa Market Value and Consumption Forecast (2020-2025)

14.3.5 South America Market Value and Consumption Forecast (2020-2025)

15 NEW PROJECT FEASIBILITY ANALYSIS

15.1 Industry Barriers and New Entrants SWOT Analysis

15.1.1 Porter's Five Forces Analysis

15.1.2 New Entrants SWOT Analysis

15.2 Analysis and Suggestions on New Project Investment

List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Proton Exchange Membrane (PEM)
Table Product Specification of Proton Exchange Membrane (PEM)
Table Proton Exchange Membrane (PEM) Key Market Segments
Table Key Players Proton Exchange Membrane (PEM) Covered
Figure Global Proton Exchange Membrane (PEM) Market Size, 2015 – 2025
Table Different Types of Proton Exchange Membrane (PEM)
Figure Global Proton Exchange Membrane (PEM) Value (\$) Segment by Type from 2015-2020
Figure Global Proton Exchange Membrane (PEM) Market Share by Types in 2019
Table Different Applications of Proton Exchange Membrane (PEM)
Figure Global Proton Exchange Membrane (PEM) Value (\$) Segment by Applications from 2015-2020
Figure Global Proton Exchange Membrane (PEM) Market Share by Applications in 2019
Figure Global Proton Exchange Membrane (PEM) Market Share by Regions in 2019
Figure North America Proton Exchange Membrane (PEM) Production Value (\$) and Growth Rate (2015-2020)
Figure Europe Proton Exchange Membrane (PEM) Production Value (\$) and Growth Rate (2015-2020)
Figure Asia Pacific Proton Exchange Membrane (PEM) Production Value (\$) and Growth Rate (2015-2020)
Figure Middle East and Africa Proton Exchange Membrane (PEM) Production Value (\$) and Growth Rate (2015-2020)
Figure South America Proton Exchange Membrane (PEM) Production Value (\$) and Growth Rate (2015-2020)
Table Global COVID-19 Status and Economic Overview
Figure Global COVID-19 Status
Figure COVID-19 Comparison of Major Countries
Figure Industry Chain Analysis of Proton Exchange Membrane (PEM)
Table Upstream Raw Material Suppliers of Proton Exchange Membrane (PEM) with Contact Information
Table Major Players Headquarters, and Service Area of Proton Exchange Membrane (PEM)
Figure Major Players Production Value Market Share of Proton Exchange Membrane (PEM) in 2019
Table Major Players Proton Exchange Membrane (PEM) Product Types in 2019

Figure Production Process of Proton Exchange Membrane (PEM)
Figure Manufacturing Cost Structure of Proton Exchange Membrane (PEM)
Figure Channel Status of Proton Exchange Membrane (PEM)
Table Major Distributors of Proton Exchange Membrane (PEM) with Contact Information
Table Major Downstream Buyers of Proton Exchange Membrane (PEM) with Contact Information
Table Global Proton Exchange Membrane (PEM) Value (\$) by Type (2015-2020)
Table Global Proton Exchange Membrane (PEM) Value Share by Type (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Value Share by Type (2015-2020)
Table Global Proton Exchange Membrane (PEM) Production by Type (2015-2020)
Table Global Proton Exchange Membrane (PEM) Production Share by Type (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Production Share by Type (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Value (\$) and Growth Rate of Polyaromatic Polymers Membrane (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Value (\$) and Growth Rate of Partially Fluorinated Polymers Membrane (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Price by Type (2015-2020)
Figure Downstream Market Overview
Table Global Proton Exchange Membrane (PEM) Consumption by Application (2015-2020)
Table Global Proton Exchange Membrane (PEM) Consumption Market Share by Application (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Consumption Market Share by Application (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Portable Power Supply (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Power of the Vehicles (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Decentralized Power Station (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Consumption and Growth Rate of Others (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)
Figure Global Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)
Table Global Proton Exchange Membrane (PEM) Sales by Regions (2015-2020)
Table Global Proton Exchange Membrane (PEM) Sales Market Share by Regions

(2015-2020)

Table Global Proton Exchange Membrane (PEM) Revenue (M USD) by Regions

(2015-2020)

Table Global Proton Exchange Membrane (PEM) Revenue Market Share by Regions

(2015-2020)

Table Global Proton Exchange Membrane (PEM) Revenue Market Share by Regions in 2015

Table Global Proton Exchange Membrane (PEM) Revenue Market Share by Regions in 2019

Figure North America Proton Exchange Membrane (PEM) Sales and Growth Rate

(2015-2020)

Figure Europe Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Asia-Pacific Proton Exchange Membrane (PEM) Sales and Growth Rate

(2015-2020)

Figure Middle East and Africa Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure South America Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure North America COVID-19 Confirmed Cases Major Distribution

Figure North America Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)

Table North America Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

Table North America Proton Exchange Membrane (PEM) Sales Market Share by Countries (2015-2020)

Table North America Proton Exchange Membrane (PEM) Revenue (M USD) by Countries (2015-2020)

Table North America Proton Exchange Membrane (PEM) Revenue Market Share by Countries (2015-2020)

Figure United States Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Canada Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Mexico Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Europe COVID-19 Status

Figure Europe COVID-19 Confirmed Cases Major Distribution

Figure Europe Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)

Table Europe Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

Table Europe Proton Exchange Membrane (PEM) Sales Market Share by Countries (2015-2020)

Table Europe Proton Exchange Membrane (PEM) Revenue (M USD) by Countries (2015-2020)

Table Europe Proton Exchange Membrane (PEM) Revenue Market Share by Countries (2015-2020)

Figure Germany Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure UK Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure France Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Italy Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Spain Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Russia Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Asia Pacific Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)

Table Asia Pacific Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

Table Asia Pacific Proton Exchange Membrane (PEM) Sales Market Share by Countries (2015-2020)

Table Asia Pacific Proton Exchange Membrane (PEM) Revenue (M USD) by Countries (2015-2020)

Table Asia Pacific Proton Exchange Membrane (PEM) Revenue Market Share by Countries (2015-2020)

Figure China Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Japan Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure South Korea Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure India Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Southeast Asia Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Australia Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Middle East Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)

Table Middle East Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

Table Middle East and Africa Proton Exchange Membrane (PEM) Sales Market Share by Countries (2015-2020)

Table Middle East and Africa Proton Exchange Membrane (PEM) Revenue (M USD) by Countries (2015-2020)

Table Middle East and Africa Proton Exchange Membrane (PEM) Revenue Market

Share by Countries (2015-2020)

Figure Saudi Arabia Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure UAE Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Egypt Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Nigeria Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure South Africa Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure South America Proton Exchange Membrane (PEM) Revenue (M USD) and Growth (2015-2020)

Table South America Proton Exchange Membrane (PEM) Sales by Countries (2015-2020)

Table South America Proton Exchange Membrane (PEM) Sales Market Share by Countries (2015-2020)

Table South America Proton Exchange Membrane (PEM) Revenue (M USD) by Countries (2015-2020)

Table South America Proton Exchange Membrane (PEM) Revenue Market Share by Countries (2015-2020)

Figure Brazil Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Argentina Proton Exchange Membrane (PEM) Sales and Growth Rate (2015-2020)

Figure Columbia Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Chile Proton Exchange Membrane (PEM) Sales and Growth (2015-2020)

Figure Top 3 Market Share of Proton Exchange Membrane (PEM) Companies in 2019

Figure Top 6 Market Share of Proton Exchange Membrane (PEM) Companies in 2019

Table Major Players Production Value (\$) Share (2015-2020)

Table Ballard Power Systems Profile

Table Ballard Power Systems Product Introduction

Figure Ballard Power Systems Production and Growth Rate

Figure Ballard Power Systems Value (\$) Market Share 2015-2020

Table ReliOn Profile

Table ReliOn Product Introduction

Figure ReliOn Production and Growth Rate

Figure ReliOn Value (\$) Market Share 2015-2020

Table NedStack Profile

Table NedStack Product Introduction

Figure NedStack Production and Growth Rate

Figure NedStack Value (\$) Market Share 2015-2020

Table Demirdokum Profile

Table Demirdokum Product Introduction

Figure Demirdokum Production and Growth Rate
Figure Demirdokum Value (\$) Market Share 2015-2020
Table Giner Profile
Table Giner Product Introduction
Figure Giner Production and Growth Rate
Figure Giner Value (\$) Market Share 2015-2020
Table Lynntech Profile
Table Lynntech Product Introduction
Figure Lynntech Production and Growth Rate
Figure Lynntech Value (\$) Market Share 2015-2020
Table PEMEAS USA Profile
Table PEMEAS USA Product Introduction
Figure PEMEAS USA Production and Growth Rate
Figure PEMEAS USA Value (\$) Market Share 2015-2020
Table UTC Power (UTC Fuel Cells) Profile
Table UTC Power (UTC Fuel Cells) Product Introduction
Figure UTC Power (UTC Fuel Cells) Production and Growth Rate
Figure UTC Power (UTC Fuel Cells) Value (\$) Market Share 2015-2020
Table Johnson Matthey Profile
Table Johnson Matthey Product Introduction
Figure Johnson Matthey Production and Growth Rate
Figure Johnson Matthey Value (\$) Market Share 2015-2020
Table Atlantic Fuel Cell Profile
Table Atlantic Fuel Cell Product Introduction
Figure Atlantic Fuel Cell Production and Growth Rate
Figure Atlantic Fuel Cell Value (\$) Market Share 2015-2020
Table Electrochem Profile
Table Electrochem Product Introduction
Figure Electrochem Production and Growth Rate
Figure Electrochem Value (\$) Market Share 2015-2020
Table Vestel Elektronik Profile
Table Vestel Elektronik Product Introduction
Figure Vestel Elektronik Production and Growth Rate
Figure Vestel Elektronik Value (\$) Market Share 2015-2020
Table WL Gore Profile
Table WL Gore Product Introduction
Figure WL Gore Production and Growth Rate
Figure WL Gore Value (\$) Market Share 2015-2020
Table Plug Power Profile

Table Plug Power Product Introduction

Figure Plug Power Production and Growth Rate

Figure Plug Power Value (\$) Market Share 2015-2020

Table Hydrogenics Profile

Table Hydrogenics Product Introduction

Figure Hydrogenics Production and Growth Rate

Figure Hydrogenics Value (\$) Market Share 2015-2020

Table DuPont Fuel Cells Profile

Table DuPont Fuel Cells Product Introduction

Figure DuPont Fuel Cells Production and Growth Rate

Figure DuPont Fuel Cells Value (\$) Market Share 2015-2020

Table 3M Profile

Table 3M Product Introduction

Figure 3M Production and Growth Rate

Figure 3M Value (\$) Market Share 2015-2020

Table NuVant Systems Profile

Table NuVant Systems Product Introduction

Figure NuVant Systems Production and Growth Rate

Figure NuVant Systems Value (\$) Market Share 2015-2020

Table E-TEK Inc Profile

Table E-TEK Inc Product Introduction

Figure E-TEK Inc Production and Growth Rate

Figure E-TEK Inc Value (\$) Market Share 2015-2020

Table Market Driving Factors of Proton Exchange Membrane (PEM)

Table Merger, Acquisition and New Investment

Table Global Proton Exchange Membrane (PEM) Market Value (\$) Forecast, by Type

Table Global Proton Exchange Membrane (PEM) Market Volume Forecast, by Type

Figure Global Proton Exchange Membrane (PEM) Market Value (\$) and Growth Rate

Forecast of Polyaromatic Polymers Membrane (2020-2025)

Figure Global Proton Exchange Membrane (PEM) Market Volume (\$) and Growth Rate

Forecast of Polyaromatic Polymers Membrane (2020-2025)

Figure Global Proton Exchange Membrane (PEM) Market Value (\$) and Growth Rate

Forecast of Partially Fluorinated Polymers Membrane (2020-2025)

Figure Global Proton Exchange Membrane (PEM) Market Volume (\$) and Growth Rate

Forecast of Partially Fluorinated Polymers Membrane (2020-2025)

Table Global Market Value (\$) Forecast by Application (2020-2025)

Table Global Market Volume Forecast by Application (2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Portable Power Supply
(2020-2025)

Figure Market Volume and Growth Rate Forecast of Portable Power Supply
(2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Power of the Vehicles
(2020-2025)

Figure Market Volume and Growth Rate Forecast of Power of the Vehicles (2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Decentralized Power Station
(2020-2025)

Figure Market Volume and Growth Rate Forecast of Decentralized Power Station
(2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Others (2020-2025)

Figure Market Volume and Growth Rate Forecast of Others (2020-2025)

Figure North America Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure North America Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Europe Consumption and Growth Rate Forecast (2020-2025)

Figure Asia Pacific Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Asia Pacific Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Consumption and Growth Rate Forecast (2020-2025)

Figure South America Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure South America Consumption and Growth Rate Forecast (2020-2025)

Figure Porter's Five Forces Analysis

Table New Entrants SWOT Analysis

Table New Project Analysis of Investment Recovery

I would like to order

Product name: COVID-19 Outbreak-Global Proton Exchange Membrane (PEM) Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

Product link: <https://marketpublishers.com/r/CF53E5D93D80EN.html>

Price: US\$ 3,660.00 (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/CF53E5D93D80EN.html>