

Global Phosphoric Acid-doped PBI Membrane Market Growth 2026-2032

<https://marketpublishers.com/r/GF43D5304D77EN.html>

Date: July 2026

Pages: 107

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

ID: GF43D5304D77EN

Abstracts

The global Phosphoric Acid-doped PBI Membrane market size is predicted to grow from US\$ 303 million in 2025 to US\$ 1522 million in 2032; it is expected to grow at a CAGR of 25.9% from 2026 to 2032.

Phosphoric acid-doped PBI membrane is a proton exchange membrane made by doping polybenzimidazole(PBI) with phosphoric acid. It exhibits high thermal and chemical stability, enables efficient proton conduction, and is mainly used in high-temperature fuel cells and other electrochemical devices. The global market size of phosphoric acid-doped PBI membranes reached USD 310 million in 2025.

Phosphoric acid-doped polybenzimidazole (PBI) membranes are important key materials in energy sectors including proton exchange membrane fuel cells. With growing global demand for clean energy, their application value in energy and electrochemical fields has become increasingly prominent. In terms of market share, fuel cells represent the main application market and account for most of the overall share; owing to their outstanding high-temperature stability and proton conductivity, phosphoric acid-doped PBI membranes are widely used in high-temperature proton exchange membrane fuel cells and their market proportion is expected to keep rising. The sensor and gas separation membrane markets take up a certain share, with increasing demand in moisture sensors, air purification, gas separation and other scenarios, while applications in fuel cell vehicles, portable energy devices and other fields account for a relatively small portion with slowly growing demand. Going forward, such membranes enjoy broad development prospects: technological breakthroughs in fuel cells and the maturity of dispersion and mass production technologies will help lower production costs and expand application scope to diversified areas such as seawater desalination and environmental pollution treatment, while the rapid expansion

of the high-temperature fuel cell market will further drive demand growth. Meanwhile, clean energy support policies worldwide and continuous upgrading of material technologies will provide strong impetus for industrial development, though the sector also faces competition from alternative materials such as fluoride-based membranes and solid oxide fuel cell membranes, requiring continuous optimization in cost and performance. Overall, phosphoric acid-doped PBI membranes boast huge application potential in the clean energy sector, and their market demand and industrial position will keep rising driven by technological progress and policy support.

LP Information, Inc. (LPI) ' newest research report, the "Phosphoric Acid-doped PBI Membrane Industry Forecast" looks at past sales and reviews total world Phosphoric Acid-doped PBI Membrane sales in 2025, providing a comprehensive analysis by region and market sector of projected Phosphoric Acid-doped PBI Membrane sales for 2026 through 2032. With Phosphoric Acid-doped PBI Membrane sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Phosphoric Acid-doped PBI Membrane industry.

This Insight Report provides a comprehensive analysis of the global Phosphoric Acid-doped PBI Membrane landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Phosphoric Acid-doped PBI Membrane portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Phosphoric Acid-doped PBI Membrane market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Phosphoric Acid-doped PBI Membrane and breaks down the forecast by Material, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Phosphoric Acid-doped PBI Membrane.

This report presents a comprehensive overview, market shares, and growth opportunities of Phosphoric Acid-doped PBI Membrane market by product type, application, key manufacturers and key regions and countries.

Segmentation by Material:

Pure PBI Membrane

Composite PBI Membrane

Others

Segmentation by Doping Method:

Uniformly Doped PBI Membrane

Staged Doped PBI Membrane

Others

Segmentation by Hydration Behavior:

Dry PBI Membrane

Hydrated PBI Membrane

Segmentation by Application:

High-temperature Fuel Cells

Distributed Energy And Storage Systems

Hydrogen Energy Applications

High-temperature Electrochemical Devices

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Celanese

BASF

DPS

China Ruilong Technology Co., Ltd.

Suzhou Thinkre New Material Co., Ltd.

Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd.

Wuhan University of Technology New Energy Co., Ltd.

Tianjin Jinlun New Materials Technology Co., Ltd.

Blue World Technologies

Bosch

Toray

Key Questions Addressed in this Report

What is the 10-year outlook for the global Phosphoric Acid-doped PBI Membrane market?

What factors are driving Phosphoric Acid-doped PBI Membrane market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Phosphoric Acid-doped PBI Membrane market opportunities vary by end market size?

How does Phosphoric Acid-doped PBI Membrane break out by Material, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Phosphoric Acid-doped PBI Membrane Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Phosphoric Acid-doped PBI Membrane by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Phosphoric Acid-doped PBI Membrane by Country/Region, 2021, 2025 & 2032
- 2.2 Phosphoric Acid-doped PBI Membrane Segment by Material
 - 2.2.1 Pure PBI Membrane
 - 2.2.2 Composite PBI Membrane
 - 2.2.3 Others
 - 2.2.4 Phosphoric Acid-doped PBI Membrane Sales by Material
 - 2.2.4.1 Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)
 - 2.2.4.2 Global Phosphoric Acid-doped PBI Membrane Revenue and Market Share by Material (2021-2026)
 - 2.2.4.3 Global Phosphoric Acid-doped PBI Membrane Sale Price by Material (2021-2026)
- 2.3 Phosphoric Acid-doped PBI Membrane Segment by Doping Method
 - 2.3.1 Uniformly Doped PBI Membrane
 - 2.3.2 Staged Doped PBI Membrane
 - 2.3.3 Others
 - 2.3.4 Phosphoric Acid-doped PBI Membrane Sales by Doping Method
 - 2.3.4.1 Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Doping Method (2021-2026)

2.3.4.2 Global Phosphoric Acid-doped PBI Membrane Revenue and Market Share by Doping Method (2021-2026)

2.3.4.3 Global Phosphoric Acid-doped PBI Membrane Sale Price by Doping Method (2021-2026)

2.4 Phosphoric Acid-doped PBI Membrane Segment by Hydration Behavior

2.4.1 Dry PBI Membrane

2.4.2 Hydrated PBI Membrane

2.4.3 Phosphoric Acid-doped PBI Membrane Sales by Hydration Behavior

2.4.3.1 Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Hydration Behavior (2021-2026)

2.4.3.2 Global Phosphoric Acid-doped PBI Membrane Revenue and Market Share by Hydration Behavior (2021-2026)

2.4.3.3 Global Phosphoric Acid-doped PBI Membrane Sale Price by Hydration Behavior (2021-2026)

2.5 Phosphoric Acid-doped PBI Membrane Segment by Application

2.5.1 High-temperature Fuel Cells

2.5.2 Distributed Energy And Storage Systems

2.5.3 Hydrogen Energy Applications

2.5.4 High-temperature Electrochemical Devices

2.5.5 Others

2.5.6 Phosphoric Acid-doped PBI Membrane Sales by Application

2.5.6.1 Global Phosphoric Acid-doped PBI Membrane Sale Market Share by Application (2021-2026)

2.5.6.2 Global Phosphoric Acid-doped PBI Membrane Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Phosphoric Acid-doped PBI Membrane Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Phosphoric Acid-doped PBI Membrane Breakdown Data by Company

3.1.1 Global Phosphoric Acid-doped PBI Membrane Annual Sales by Company (2021-2026)

3.1.2 Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Company (2021-2026)

3.2 Global Phosphoric Acid-doped PBI Membrane Annual Revenue by Company (2021-2026)

3.2.1 Global Phosphoric Acid-doped PBI Membrane Revenue by Company (2021-2026)

3.2.2 Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Company (2021-2026)

3.3 Global Phosphoric Acid-doped PBI Membrane Sale Price by Company

3.4 Key Manufacturers Phosphoric Acid-doped PBI Membrane Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Phosphoric Acid-doped PBI Membrane Product Location Distribution

3.4.2 Players Phosphoric Acid-doped PBI Membrane Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR PHOSPHORIC ACID-DOPED PBI MEMBRANE BY GEOGRAPHIC REGION

4.1 World Historic Phosphoric Acid-doped PBI Membrane Market Size by Geographic Region (2021-2026)

4.1.1 Global Phosphoric Acid-doped PBI Membrane Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Phosphoric Acid-doped PBI Membrane Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Phosphoric Acid-doped PBI Membrane Market Size by Country/Region (2021-2026)

4.2.1 Global Phosphoric Acid-doped PBI Membrane Annual Sales by Country/Region (2021-2026)

4.2.2 Global Phosphoric Acid-doped PBI Membrane Annual Revenue by Country/Region (2021-2026)

4.3 Americas Phosphoric Acid-doped PBI Membrane Sales Growth

4.4 APAC Phosphoric Acid-doped PBI Membrane Sales Growth

4.5 Europe Phosphoric Acid-doped PBI Membrane Sales Growth

4.6 Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales Growth

5 AMERICAS

5.1 Americas Phosphoric Acid-doped PBI Membrane Sales by Country

5.1.1 Americas Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026)

5.1.2 Americas Phosphoric Acid-doped PBI Membrane Revenue by Country

(2021-2026)

5.2 Americas Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026)

5.3 Americas Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Phosphoric Acid-doped PBI Membrane Sales by Region

6.1.1 APAC Phosphoric Acid-doped PBI Membrane Sales by Region (2021-2026)

6.1.2 APAC Phosphoric Acid-doped PBI Membrane Revenue by Region (2021-2026)

6.2 APAC Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026)

6.3 APAC Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Phosphoric Acid-doped PBI Membrane by Country

7.1.1 Europe Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026)

7.1.2 Europe Phosphoric Acid-doped PBI Membrane Revenue by Country (2021-2026)

7.2 Europe Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026)

7.3 Europe Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Phosphoric Acid-doped PBI Membrane by Country

8.1.1 Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026)

8.1.2 Middle East & Africa Phosphoric Acid-doped PBI Membrane Revenue by Country (2021-2026)

8.2 Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026)

8.3 Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Phosphoric Acid-doped PBI Membrane

10.3 Manufacturing Process Analysis of Phosphoric Acid-doped PBI Membrane

10.4 Industry Chain Structure of Phosphoric Acid-doped PBI Membrane

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Phosphoric Acid-doped PBI Membrane Distributors

11.3 Phosphoric Acid-doped PBI Membrane Customer

12 WORLD FORECAST REVIEW FOR PHOSPHORIC ACID-DOPED PBI MEMBRANE BY GEOGRAPHIC REGION

12.1 Global Phosphoric Acid-doped PBI Membrane Market Size Forecast by Region

- 12.1.1 Global Phosphoric Acid-doped PBI Membrane Forecast by Region (2027-2032)
- 12.1.2 Global Phosphoric Acid-doped PBI Membrane Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Phosphoric Acid-doped PBI Membrane Forecast by Material (2027-2032)
- 12.7 Global Phosphoric Acid-doped PBI Membrane Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Celanese

- 13.1.1 Celanese Company Information
- 13.1.2 Celanese Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications
- 13.1.3 Celanese Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 Celanese Main Business Overview
- 13.1.5 Celanese Latest Developments

13.2 BASF

- 13.2.1 BASF Company Information
- 13.2.2 BASF Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications
- 13.2.3 BASF Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.2.4 BASF Main Business Overview
- 13.2.5 BASF Latest Developments

13.3 DPS

- 13.3.1 DPS Company Information
- 13.3.2 DPS Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications
- 13.3.3 DPS Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.3.4 DPS Main Business Overview
- 13.3.5 DPS Latest Developments

13.4 China Ruilong Technology Co., Ltd.

- 13.4.1 China Ruilong Technology Co., Ltd. Company Information

13.4.2 China Ruilong Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.4.3 China Ruilong Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 China Ruilong Technology Co., Ltd. Main Business Overview

13.4.5 China Ruilong Technology Co., Ltd. Latest Developments

13.5 Suzhou Thinkre New Material Co., Ltd.

13.5.1 Suzhou Thinkre New Material Co., Ltd. Company Information

13.5.2 Suzhou Thinkre New Material Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.5.3 Suzhou Thinkre New Material Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Suzhou Thinkre New Material Co., Ltd. Main Business Overview

13.5.5 Suzhou Thinkre New Material Co., Ltd. Latest Developments

13.6 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd.

13.6.1 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Company Information

13.6.2 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.6.3 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Main Business Overview

13.6.5 Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Latest Developments

13.7 Wuhan University of Technology New Energy Co., Ltd.

13.7.1 Wuhan University of Technology New Energy Co., Ltd. Company Information

13.7.2 Wuhan University of Technology New Energy Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.7.3 Wuhan University of Technology New Energy Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Wuhan University of Technology New Energy Co., Ltd. Main Business Overview

13.7.5 Wuhan University of Technology New Energy Co., Ltd. Latest Developments

13.8 Tianjin Jinlun New Materials Technology Co., Ltd.

13.8.1 Tianjin Jinlun New Materials Technology Co., Ltd. Company Information

13.8.2 Tianjin Jinlun New Materials Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.8.3 Tianjin Jinlun New Materials Technology Co., Ltd. Phosphoric Acid-doped PBI

Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Tianjin Jinlun New Materials Technology Co., Ltd. Main Business Overview

13.8.5 Tianjin Jinlun New Materials Technology Co., Ltd. Latest Developments

13.9 Blue World Technologies

13.9.1 Blue World Technologies Company Information

13.9.2 Blue World Technologies Phosphoric Acid-doped PBI Membrane Product

Portfolios and Specifications

13.9.3 Blue World Technologies Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Blue World Technologies Main Business Overview

13.9.5 Blue World Technologies Latest Developments

13.10 Bosch

13.10.1 Bosch Company Information

13.10.2 Bosch Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.10.3 Bosch Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Bosch Main Business Overview

13.10.5 Bosch Latest Developments

13.11 Toray

13.11.1 Toray Company Information

13.11.2 Toray Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

13.11.3 Toray Phosphoric Acid-doped PBI Membrane Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Toray Main Business Overview

13.11.5 Toray Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Phosphoric Acid-doped PBI Membrane Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Phosphoric Acid-doped PBI Membrane Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Pure PBI Membrane

Table 4. Major Players of Composite PBI Membrane

Table 5. Major Players of Others

Table 6. Global Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026) & (Sq m)

Table 7. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)

Table 8. Global Phosphoric Acid-doped PBI Membrane Revenue by Material (2021-2026) & (\$ million)

Table 9. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Material (2021-2026)

Table 10. Global Phosphoric Acid-doped PBI Membrane Sale Price by Material (2021-2026) & (US\$/Sq m)

Table 11. Major Players of Uniformly Doped PBI Membrane

Table 12. Major Players of Staged Doped PBI Membrane

Table 13. Major Players of Others

Table 14. Global Phosphoric Acid-doped PBI Membrane Sales by Doping Method (2021-2026) & (Sq m)

Table 15. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Doping Method (2021-2026)

Table 16. Global Phosphoric Acid-doped PBI Membrane Revenue by Doping Method (2021-2026) & (\$ million)

Table 17. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Doping Method (2021-2026)

Table 18. Global Phosphoric Acid-doped PBI Membrane Sale Price by Doping Method (2021-2026) & (US\$/Sq m)

Table 19. Major Players of Dry PBI Membrane

Table 20. Major Players of Hydrated PBI Membrane

Table 21. Global Phosphoric Acid-doped PBI Membrane Sales by Hydration Behavior (2021-2026) & (Sq m)

Table 22. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by

Hydration Behavior (2021-2026)

Table 23. Global Phosphoric Acid-doped PBI Membrane Revenue by Hydration Behavior (2021-2026) & (\$ million)

Table 24. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Hydration Behavior (2021-2026)

Table 25. Global Phosphoric Acid-doped PBI Membrane Sale Price by Hydration Behavior (2021-2026) & (US\$/Sq m)

Table 26. Global Phosphoric Acid-doped PBI Membrane Sale by Application (2021-2026) & (Sq m)

Table 27. Global Phosphoric Acid-doped PBI Membrane Sale Market Share by Application (2021-2026)

Table 28. Global Phosphoric Acid-doped PBI Membrane Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Application (2021-2026)

Table 30. Global Phosphoric Acid-doped PBI Membrane Sale Price by Application (2021-2026) & (US\$/Sq m)

Table 31. Global Phosphoric Acid-doped PBI Membrane Sales by Company (2021-2026) & (Sq m)

Table 32. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Company (2021-2026)

Table 33. Global Phosphoric Acid-doped PBI Membrane Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Company (2021-2026)

Table 35. Global Phosphoric Acid-doped PBI Membrane Sale Price by Company (2021-2026) & (US\$/Sq m)

Table 36. Key Manufacturers Phosphoric Acid-doped PBI Membrane Producing Area Distribution and Sales Area

Table 37. Players Phosphoric Acid-doped PBI Membrane Products Offered

Table 38. Phosphoric Acid-doped PBI Membrane Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Phosphoric Acid-doped PBI Membrane Sales by Geographic Region (2021-2026) & (Sq m)

Table 42. Global Phosphoric Acid-doped PBI Membrane Sales Market Share Geographic Region (2021-2026)

Table 43. Global Phosphoric Acid-doped PBI Membrane Revenue by Geographic

Region (2021-2026) & (\$ millions)

Table 44. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Phosphoric Acid-doped PBI Membrane Sales by Country/Region (2021-2026) & (Sq m)

Table 46. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Country/Region (2021-2026)

Table 47. Global Phosphoric Acid-doped PBI Membrane Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026) & (Sq m)

Table 50. Americas Phosphoric Acid-doped PBI Membrane Sales Market Share by Country (2021-2026)

Table 51. Americas Phosphoric Acid-doped PBI Membrane Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026) & (Sq m)

Table 53. Americas Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026) & (Sq m)

Table 54. APAC Phosphoric Acid-doped PBI Membrane Sales by Region (2021-2026) & (Sq m)

Table 55. APAC Phosphoric Acid-doped PBI Membrane Sales Market Share by Region (2021-2026)

Table 56. APAC Phosphoric Acid-doped PBI Membrane Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026) & (Sq m)

Table 58. APAC Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026) & (Sq m)

Table 59. Europe Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026) & (Sq m)

Table 60. Europe Phosphoric Acid-doped PBI Membrane Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026) & (Sq m)

Table 62. Europe Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026) & (Sq m)

Table 63. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Country (2021-2026) & (Sq m)

Table 64. Middle East & Africa Phosphoric Acid-doped PBI Membrane Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Material (2021-2026) & (Sq m)

Table 66. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales by Application (2021-2026) & (Sq m)

Table 67. Key Market Drivers & Growth Opportunities of Phosphoric Acid-doped PBI Membrane

Table 68. Key Market Challenges & Risks of Phosphoric Acid-doped PBI Membrane

Table 69. Key Industry Trends of Phosphoric Acid-doped PBI Membrane

Table 70. Phosphoric Acid-doped PBI Membrane Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. Phosphoric Acid-doped PBI Membrane Distributors List

Table 73. Phosphoric Acid-doped PBI Membrane Customer List

Table 74. Global Phosphoric Acid-doped PBI Membrane Sales Forecast by Region (2027-2032) & (Sq m)

Table 75. Global Phosphoric Acid-doped PBI Membrane Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas Phosphoric Acid-doped PBI Membrane Sales Forecast by Country (2027-2032) & (Sq m)

Table 77. Americas Phosphoric Acid-doped PBI Membrane Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC Phosphoric Acid-doped PBI Membrane Sales Forecast by Region (2027-2032) & (Sq m)

Table 79. APAC Phosphoric Acid-doped PBI Membrane Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe Phosphoric Acid-doped PBI Membrane Sales Forecast by Country (2027-2032) & (Sq m)

Table 81. Europe Phosphoric Acid-doped PBI Membrane Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales Forecast by Country (2027-2032) & (Sq m)

Table 83. Middle East & Africa Phosphoric Acid-doped PBI Membrane Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global Phosphoric Acid-doped PBI Membrane Sales Forecast by Material (2027-2032) & (Sq m)

Table 85. Global Phosphoric Acid-doped PBI Membrane Revenue Forecast by Material

(2027-2032) & (\$ millions)

Table 86. Global Phosphoric Acid-doped PBI Membrane Sales Forecast by Application (2027-2032) & (Sq m)

Table 87. Global Phosphoric Acid-doped PBI Membrane Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. Celanese Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 89. Celanese Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 90. Celanese Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 91. Celanese Main Business

Table 92. Celanese Latest Developments

Table 93. BASF Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 94. BASF Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 95. BASF Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 96. BASF Main Business

Table 97. BASF Latest Developments

Table 98. DPS Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 99. DPS Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 100. DPS Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 101. DPS Main Business

Table 102. DPS Latest Developments

Table 103. China Ruilong Technology Co., Ltd. Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 104. China Ruilong Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 105. China Ruilong Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 106. China Ruilong Technology Co., Ltd. Main Business

Table 107. China Ruilong Technology Co., Ltd. Latest Developments

Table 108. Suzhou Thinkre New Material Co., Ltd. Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 109. Suzhou Thinkre New Material Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 110. Suzhou Thinkre New Material Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 111. Suzhou Thinkre New Material Co., Ltd. Main Business

Table 112. Suzhou Thinkre New Material Co., Ltd. Latest Developments

Table 113. Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 114. Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 115. Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 116. Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Main Business

Table 117. Shandong Dongyue Future Hydrogen Energy Materials Co., Ltd. Latest Developments

Table 118. Wuhan University of Technology New Energy Co., Ltd. Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 119. Wuhan University of Technology New Energy Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 120. Wuhan University of Technology New Energy Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 121. Wuhan University of Technology New Energy Co., Ltd. Main Business

Table 122. Wuhan University of Technology New Energy Co., Ltd. Latest Developments

Table 123. Tianjin Jinlun New Materials Technology Co., Ltd. Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 124. Tianjin Jinlun New Materials Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 125. Tianjin Jinlun New Materials Technology Co., Ltd. Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 126. Tianjin Jinlun New Materials Technology Co., Ltd. Main Business

Table 127. Tianjin Jinlun New Materials Technology Co., Ltd. Latest Developments

Table 128. Blue World Technologies Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 129. Blue World Technologies Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 130. Blue World Technologies Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 131. Blue World Technologies Main Business

Table 132. Blue World Technologies Latest Developments

Table 133. Bosch Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 134. Bosch Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 135. Bosch Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 136. Bosch Main Business

Table 137. Bosch Latest Developments

Table 138. Toray Basic Information, Phosphoric Acid-doped PBI Membrane Manufacturing Base, Sales Area and Its Competitors

Table 139. Toray Phosphoric Acid-doped PBI Membrane Product Portfolios and Specifications

Table 140. Toray Phosphoric Acid-doped PBI Membrane Sales (Sq m), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 141. Toray Main Business

Table 142. Toray Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Phosphoric Acid-doped PBI Membrane
- Figure 2. Phosphoric Acid-doped PBI Membrane Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Phosphoric Acid-doped PBI Membrane Sales Growth Rate 2021-2032 (Sq m)
- Figure 7. Global Phosphoric Acid-doped PBI Membrane Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Phosphoric Acid-doped PBI Membrane Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Phosphoric Acid-doped PBI Membrane Sales Market Share by Country/Region (2025)
- Figure 10. Phosphoric Acid-doped PBI Membrane Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Pure PBI Membrane
- Figure 12. Product Picture of Composite PBI Membrane
- Figure 13. Product Picture of Others
- Figure 14. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Material in 2026
- Figure 15. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Material (2021-2026)
- Figure 16. Product Picture of Uniformly Doped PBI Membrane
- Figure 17. Product Picture of Staged Doped PBI Membrane
- Figure 18. Product Picture of Others
- Figure 19. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Doping Method in 2026
- Figure 20. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Doping Method (2021-2026)
- Figure 21. Product Picture of Dry PBI Membrane
- Figure 22. Product Picture of Hydrated PBI Membrane
- Figure 23. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Hydration Behavior in 2026
- Figure 24. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Hydration Behavior (2021-2026)

Figure 25. Phosphoric Acid-doped PBI Membrane Consumed in High-temperature Fuel Cells

Figure 26. Global Phosphoric Acid-doped PBI Membrane Market: High-temperature Fuel Cells (2021-2026) & (Sq m)

Figure 27. Phosphoric Acid-doped PBI Membrane Consumed in Distributed Energy And Storage Systems

Figure 28. Global Phosphoric Acid-doped PBI Membrane Market: Distributed Energy And Storage Systems (2021-2026) & (Sq m)

Figure 29. Phosphoric Acid-doped PBI Membrane Consumed in Hydrogen Energy Applications

Figure 30. Global Phosphoric Acid-doped PBI Membrane Market: Hydrogen Energy Applications (2021-2026) & (Sq m)

Figure 31. Phosphoric Acid-doped PBI Membrane Consumed in High-temperature Electrochemical Devices

Figure 32. Global Phosphoric Acid-doped PBI Membrane Market: High-temperature Electrochemical Devices (2021-2026) & (Sq m)

Figure 33. Phosphoric Acid-doped PBI Membrane Consumed in Others

Figure 34. Global Phosphoric Acid-doped PBI Membrane Market: Others (2021-2026) & (Sq m)

Figure 35. Global Phosphoric Acid-doped PBI Membrane Sale Market Share by Application (2025)

Figure 36. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Application in 2025

Figure 37. Phosphoric Acid-doped PBI Membrane Sales by Company in 2025 (Sq m)

Figure 38. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Company in 2025

Figure 39. Phosphoric Acid-doped PBI Membrane Revenue by Company in 2025 (\$ millions)

Figure 40. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Company in 2025

Figure 41. Global Phosphoric Acid-doped PBI Membrane Sales Market Share by Geographic Region (2021-2026)

Figure 42. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share by Geographic Region in 2025

Figure 43. Americas Phosphoric Acid-doped PBI Membrane Sales 2021-2026 (Sq m)

Figure 44. Americas Phosphoric Acid-doped PBI Membrane Revenue 2021-2026 (\$ millions)

Figure 45. APAC Phosphoric Acid-doped PBI Membrane Sales 2021-2026 (Sq m)

Figure 46. APAC Phosphoric Acid-doped PBI Membrane Revenue 2021-2026 (\$

millions)

Figure 47. Europe Phosphoric Acid-doped PBI Membrane Sales 2021-2026 (Sq m)

Figure 48. Europe Phosphoric Acid-doped PBI Membrane Revenue 2021-2026 (\$ millions)

Figure 49. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales 2021-2026 (Sq m)

Figure 50. Middle East & Africa Phosphoric Acid-doped PBI Membrane Revenue 2021-2026 (\$ millions)

Figure 51. Americas Phosphoric Acid-doped PBI Membrane Sales Market Share by Country in 2025

Figure 52. Americas Phosphoric Acid-doped PBI Membrane Revenue Market Share by Country (2021-2026)

Figure 53. Americas Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)

Figure 54. Americas Phosphoric Acid-doped PBI Membrane Sales Market Share by Application (2021-2026)

Figure 55. United States Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 56. Canada Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 57. Mexico Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 58. Brazil Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 59. APAC Phosphoric Acid-doped PBI Membrane Sales Market Share by Region in 2025

Figure 60. APAC Phosphoric Acid-doped PBI Membrane Revenue Market Share by Region (2021-2026)

Figure 61. APAC Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)

Figure 62. APAC Phosphoric Acid-doped PBI Membrane Sales Market Share by Application (2021-2026)

Figure 63. China Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 64. Japan Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 65. South Korea Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 66. Southeast Asia Phosphoric Acid-doped PBI Membrane Revenue Growth

2021-2026 (\$ millions)

Figure 67. India Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 68. Australia Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 69. China Taiwan Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 70. Europe Phosphoric Acid-doped PBI Membrane Sales Market Share by Country in 2025

Figure 71. Europe Phosphoric Acid-doped PBI Membrane Revenue Market Share by Country (2021-2026)

Figure 72. Europe Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)

Figure 73. Europe Phosphoric Acid-doped PBI Membrane Sales Market Share by Application (2021-2026)

Figure 74. Germany Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 75. France Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 76. UK Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 77. Italy Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 78. Russia Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 79. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales Market Share by Country (2021-2026)

Figure 80. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales Market Share by Material (2021-2026)

Figure 81. Middle East & Africa Phosphoric Acid-doped PBI Membrane Sales Market Share by Application (2021-2026)

Figure 82. Egypt Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 83. South Africa Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 84. Israel Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 85. Turkey Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 86. GCC Countries Phosphoric Acid-doped PBI Membrane Revenue Growth 2021-2026 (\$ millions)

Figure 87. Manufacturing Cost Structure Analysis of Phosphoric Acid-doped PBI Membrane in 2026

Figure 88. Manufacturing Process Analysis of Phosphoric Acid-doped PBI Membrane

Figure 89. Industry Chain Structure of Phosphoric Acid-doped PBI Membrane

Figure 90. Channels of Distribution

Figure 91. Global Phosphoric Acid-doped PBI Membrane Sales Market Forecast by Region (2027-2032)

Figure 92. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share Forecast by Region (2027-2032)

Figure 93. Global Phosphoric Acid-doped PBI Membrane Sales Market Share Forecast by Material (2027-2032)

Figure 94. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share Forecast by Material (2027-2032)

Figure 95. Global Phosphoric Acid-doped PBI Membrane Sales Market Share Forecast by Application (2027-2032)

Figure 96. Global Phosphoric Acid-doped PBI Membrane Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Phosphoric Acid-doped PBI Membrane Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GF43D5304D77EN.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/GF43D5304D77EN.html>