

PEM Fuel Cell Catalysts Industry Research Report 2023

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Abstracts

Highlights

The global PEM Fuel Cell Catalysts market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

North American market for PEM Fuel Cell Catalysts is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Asia-Pacific market for PEM Fuel Cell Catalysts is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of PEM Fuel Cell Catalysts include Johnson Matthey, Tanaka, Umicore, Nisshinbo, VINATech, Clariant, BASF, Cataler and Heraeus, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for PEM Fuel Cell Catalysts in Transportation is estimated to increase from \$ million in 2022 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Platinum-based, which accounted for % of the global market of PEM Fuel Cell Catalysts in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for PEM Fuel Cell Catalysts, 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 PEM Fuel Cell Catalysts.

The PEM Fuel Cell Catalysts market size, estimations, and forecasts are provided in terms of output/shipments (Kg) 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 PEM Fuel Cell Catalysts market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 PEM Fuel Cell Catalysts 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, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Johnson Matthey

Tanaka

Umicore

Nisshinbo

VINATech

Clariant

BASF

Cataler

Heraeus

ENY-Mobility

Wuhan Himalaya

Kunshan Sunlaite

Ningbo Zhongke

SuZhou Hydrogine Power Technology Co

Product Type Insights

Global markets are presented by PEM Fuel Cell Catalysts type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the PEM Fuel Cell Catalysts are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

PEM Fuel Cell Catalysts segment by Type

Platinum-based

Non-platinum

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the PEM Fuel Cell Catalysts market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the PEM Fuel Cell Catalysts market.

PEM Fuel Cell Catalysts segment by Application

Transportation

Stationary Power

Portable Power

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market

estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the PEM Fuel Cell Catalysts market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global PEM Fuel Cell Catalysts market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of PEM Fuel Cell Catalysts and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the PEM Fuel Cell Catalysts industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of PEM Fuel Cell Catalysts.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, 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 3: Detailed analysis of PEM Fuel Cell Catalysts manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price,

gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of PEM Fuel Cell Catalysts by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of PEM Fuel Cell Catalysts 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 7: 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 8: 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: 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 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 PEM Fuel Cell Catalysts by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 1.2.2 Platinum-based
 - 1.2.3 Non-platinum
- 2.3 PEM Fuel Cell Catalysts by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Transportation
 - 2.3.3 Stationary Power
 - 2.3.4 Portable Power
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global PEM Fuel Cell Catalysts Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global PEM Fuel Cell Catalysts Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global PEM Fuel Cell Catalysts Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global PEM Fuel Cell Catalysts Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global PEM Fuel Cell Catalysts Production by Manufacturers (2018-2023)
- 3.2 Global PEM Fuel Cell Catalysts Production Value by Manufacturers (2018-2023)
- 3.3 Global PEM Fuel Cell Catalysts Average Price by Manufacturers (2018-2023)

3.4 Global PEM Fuel Cell Catalysts Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global PEM Fuel Cell Catalysts Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global PEM Fuel Cell Catalysts Manufacturers, Product Type & Application

3.7 Global PEM Fuel Cell Catalysts Manufacturers, Date of Enter into This Industry

3.8 Global PEM Fuel Cell Catalysts Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Johnson Matthey

4.1.1 Johnson Matthey PEM Fuel Cell Catalysts Company Information

4.1.2 Johnson Matthey PEM Fuel Cell Catalysts Business Overview

4.1.3 Johnson Matthey PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)

4.1.4 Johnson Matthey Product Portfolio

4.1.5 Johnson Matthey Recent Developments

4.2 Tanaka

4.2.1 Tanaka PEM Fuel Cell Catalysts Company Information

4.2.2 Tanaka PEM Fuel Cell Catalysts Business Overview

4.2.3 Tanaka PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)

4.2.4 Tanaka Product Portfolio

4.2.5 Tanaka Recent Developments

4.3 Umicore

4.3.1 Umicore PEM Fuel Cell Catalysts Company Information

4.3.2 Umicore PEM Fuel Cell Catalysts Business Overview

4.3.3 Umicore PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)

4.3.4 Umicore Product Portfolio

4.3.5 Umicore Recent Developments

4.4 Nisshinbo

4.4.1 Nisshinbo PEM Fuel Cell Catalysts Company Information

4.4.2 Nisshinbo PEM Fuel Cell Catalysts Business Overview

4.4.3 Nisshinbo PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)

4.4.4 Nisshinbo Product Portfolio

4.4.5 Nisshinbo Recent Developments

4.5 VINATech

4.5.1 VINATech PEM Fuel Cell Catalysts Company Information

4.5.2 VINATech PEM Fuel Cell Catalysts Business Overview

4.5.3 VINATech PEM Fuel Cell Catalysts Production, Value and Gross Margin
(2018-2023)

4.5.4 VINATech Product Portfolio

4.5.5 VINATech Recent Developments

4.6 Clariant

4.6.1 Clariant PEM Fuel Cell Catalysts Company Information

4.6.2 Clariant PEM Fuel Cell Catalysts Business Overview

4.6.3 Clariant PEM Fuel Cell Catalysts Production, Value and Gross Margin
(2018-2023)

4.6.4 Clariant Product Portfolio

4.6.5 Clariant Recent Developments

4.7 BASF

4.7.1 BASF PEM Fuel Cell Catalysts Company Information

4.7.2 BASF PEM Fuel Cell Catalysts Business Overview

4.7.3 BASF PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)

4.7.4 BASF Product Portfolio

4.7.5 BASF Recent Developments

4.8 Cataler

4.8.1 Cataler PEM Fuel Cell Catalysts Company Information

4.8.2 Cataler PEM Fuel Cell Catalysts Business Overview

4.8.3 Cataler PEM Fuel Cell Catalysts Production, Value and Gross Margin
(2018-2023)

4.8.4 Cataler Product Portfolio

4.8.5 Cataler Recent Developments

4.9 Heraeus

4.9.1 Heraeus PEM Fuel Cell Catalysts Company Information

4.9.2 Heraeus PEM Fuel Cell Catalysts Business Overview

4.9.3 Heraeus PEM Fuel Cell Catalysts Production, Value and Gross Margin
(2018-2023)

4.9.4 Heraeus Product Portfolio

4.9.5 Heraeus Recent Developments

4.10 ENY-Mobility

4.10.1 ENY-Mobility PEM Fuel Cell Catalysts Company Information

4.10.2 ENY-Mobility PEM Fuel Cell Catalysts Business Overview

4.10.3 ENY-Mobility PEM Fuel Cell Catalysts Production, Value and Gross Margin
(2018-2023)

- 4.10.4 ENY-Mobility Product Portfolio
- 4.10.5 ENY-Mobility Recent Developments
- 7.11 Wuhan Himalaya
 - 7.11.1 Wuhan Himalaya PEM Fuel Cell Catalysts Company Information
 - 7.11.2 Wuhan Himalaya PEM Fuel Cell Catalysts Business Overview
 - 4.11.3 Wuhan Himalaya PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)
 - 7.11.4 Wuhan Himalaya Product Portfolio
 - 7.11.5 Wuhan Himalaya Recent Developments
- 7.12 Kunshan Sunlaite
 - 7.12.1 Kunshan Sunlaite PEM Fuel Cell Catalysts Company Information
 - 7.12.2 Kunshan Sunlaite PEM Fuel Cell Catalysts Business Overview
 - 7.12.3 Kunshan Sunlaite PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)
 - 7.12.4 Kunshan Sunlaite Product Portfolio
 - 7.12.5 Kunshan Sunlaite Recent Developments
- 7.13 Ningbo Zhongke
 - 7.13.1 Ningbo Zhongke PEM Fuel Cell Catalysts Company Information
 - 7.13.2 Ningbo Zhongke PEM Fuel Cell Catalysts Business Overview
 - 7.13.3 Ningbo Zhongke PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)
 - 7.13.4 Ningbo Zhongke Product Portfolio
 - 7.13.5 Ningbo Zhongke Recent Developments
- 7.14 SuZhou Hydrogine Power Technology Co
 - 7.14.1 SuZhou Hydrogine Power Technology Co PEM Fuel Cell Catalysts Company Information
 - 7.14.2 SuZhou Hydrogine Power Technology Co PEM Fuel Cell Catalysts Business Overview
 - 7.14.3 SuZhou Hydrogine Power Technology Co PEM Fuel Cell Catalysts Production, Value and Gross Margin (2018-2023)
 - 7.14.4 SuZhou Hydrogine Power Technology Co Product Portfolio
 - 7.14.5 SuZhou Hydrogine Power Technology Co Recent Developments

5 GLOBAL PEM FUEL CELL CATALYSTS PRODUCTION BY REGION

- 5.1 Global PEM Fuel Cell Catalysts Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.2 Global PEM Fuel Cell Catalysts Production by Region: 2018-2029
 - 5.2.1 Global PEM Fuel Cell Catalysts Production by Region: 2018-2023

- 5.2.2 Global PEM Fuel Cell Catalysts Production Forecast by Region (2024-2029)
- 5.3 Global PEM Fuel Cell Catalysts Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.4 Global PEM Fuel Cell Catalysts Production Value by Region: 2018-2029
 - 5.4.1 Global PEM Fuel Cell Catalysts Production Value by Region: 2018-2023
 - 5.4.2 Global PEM Fuel Cell Catalysts Production Value Forecast by Region (2024-2029)
- 5.5 Global PEM Fuel Cell Catalysts Market Price Analysis by Region (2018-2023)
- 5.6 Global PEM Fuel Cell Catalysts Production and Value, YOY Growth
 - 5.6.1 North America PEM Fuel Cell Catalysts Production Value Estimates and Forecasts (2018-2029)
 - 5.6.2 Europe PEM Fuel Cell Catalysts Production Value Estimates and Forecasts (2018-2029)
 - 5.6.3 China PEM Fuel Cell Catalysts Production Value Estimates and Forecasts (2018-2029)
 - 5.6.4 Japan PEM Fuel Cell Catalysts Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL PEM FUEL CELL CATALYSTS CONSUMPTION BY REGION

- 6.1 Global PEM Fuel Cell Catalysts Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 6.2 Global PEM Fuel Cell Catalysts Consumption by Region (2018-2029)
 - 6.2.1 Global PEM Fuel Cell Catalysts Consumption by Region: 2018-2029
 - 6.2.2 Global PEM Fuel Cell Catalysts Forecasted Consumption by Region (2024-2029)
- 6.3 North America
 - 6.3.1 North America PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
 - 6.3.2 North America PEM Fuel Cell Catalysts Consumption by Country (2018-2029)
 - 6.3.3 United States
 - 6.3.4 Canada
- 6.4 Europe
 - 6.4.1 Europe PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
 - 6.4.2 Europe PEM Fuel Cell Catalysts Consumption by Country (2018-2029)
 - 6.4.3 Germany
 - 6.4.4 France
 - 6.4.5 U.K.
 - 6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific PEM Fuel Cell Catalysts Consumption Growth Rate by Country:
2018 VS 2022 VS 2029

6.5.2 Asia Pacific PEM Fuel Cell Catalysts Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption
Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption by
Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global PEM Fuel Cell Catalysts Production by Type (2018-2029)

7.1.1 Global PEM Fuel Cell Catalysts Production by Type (2018-2029) & (Kg)

7.1.2 Global PEM Fuel Cell Catalysts Production Market Share by Type (2018-2029)

7.2 Global PEM Fuel Cell Catalysts Production Value by Type (2018-2029)

7.2.1 Global PEM Fuel Cell Catalysts Production Value by Type (2018-2029) & (US\$
Million)

7.2.2 Global PEM Fuel Cell Catalysts Production Value Market Share by Type
(2018-2029)

7.3 Global PEM Fuel Cell Catalysts Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

8.1 Global PEM Fuel Cell Catalysts Production by Application (2018-2029)

8.1.1 Global PEM Fuel Cell Catalysts Production by Application (2018-2029) & (Kg)

8.1.2 Global PEM Fuel Cell Catalysts Production by Application (2018-2029) & (Kg)

8.2 Global PEM Fuel Cell Catalysts Production Value by Application (2018-2029)

8.2.1 Global PEM Fuel Cell Catalysts Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global PEM Fuel Cell Catalysts Production Value Market Share by Application (2018-2029)

8.3 Global PEM Fuel Cell Catalysts Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 PEM Fuel Cell Catalysts Value Chain Analysis

9.1.1 PEM Fuel Cell Catalysts Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 PEM Fuel Cell Catalysts Production Mode & Process

9.2 PEM Fuel Cell Catalysts Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 PEM Fuel Cell Catalysts Distributors

9.2.3 PEM Fuel Cell Catalysts Customers

10 GLOBAL PEM FUEL CELL CATALYSTS ANALYZING MARKET DYNAMICS

10.1 PEM Fuel Cell Catalysts Industry Trends

10.2 PEM Fuel Cell Catalysts Industry Drivers

10.3 PEM Fuel Cell Catalysts Industry Opportunities and Challenges

10.4 PEM Fuel Cell Catalysts Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

List Of Tables

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global PEM Fuel Cell Catalysts Production by Manufacturers (Kg) & (2018-2023)

Table 6. Global PEM Fuel Cell Catalysts Production Market Share by Manufacturers

Table 7. Global PEM Fuel Cell Catalysts Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global PEM Fuel Cell Catalysts Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global PEM Fuel Cell Catalysts Average Price (US\$/Kg) of Key Manufacturers (2018-2023)

Table 10. Global PEM Fuel Cell Catalysts Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global PEM Fuel Cell Catalysts Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global PEM Fuel Cell Catalysts by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Johnson Matthey PEM Fuel Cell Catalysts Company Information

Table 16. Johnson Matthey Business Overview

Table 17. Johnson Matthey PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 18. Johnson Matthey Product Portfolio

Table 19. Johnson Matthey Recent Developments

Table 20. Tanaka PEM Fuel Cell Catalysts Company Information

Table 21. Tanaka Business Overview

Table 22. Tanaka PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 23. Tanaka Product Portfolio

Table 24. Tanaka Recent Developments

Table 25. Umicore PEM Fuel Cell Catalysts Company Information

Table 26. Umicore Business Overview

Table 27. Umicore PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 28. Umicore Product Portfolio

Table 29. Umicore Recent Developments

Table 30. Nisshinbo PEM Fuel Cell Catalysts Company Information

Table 31. Nisshinbo Business Overview

Table 32. Nisshinbo PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 33. Nisshinbo Product Portfolio

Table 34. Nisshinbo Recent Developments

Table 35. VINATech PEM Fuel Cell Catalysts Company Information

Table 36. VINATech Business Overview

Table 37. VINATech PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 38. VINATech Product Portfolio

Table 39. VINATech Recent Developments

Table 40. Clariant PEM Fuel Cell Catalysts Company Information

Table 41. Clariant Business Overview

Table 42. Clariant PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 43. Clariant Product Portfolio

Table 44. Clariant Recent Developments

Table 45. BASF PEM Fuel Cell Catalysts Company Information

Table 46. BASF Business Overview

Table 47. BASF PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 48. BASF Product Portfolio

Table 49. BASF Recent Developments

Table 50. Cataler PEM Fuel Cell Catalysts Company Information

Table 51. Cataler Business Overview

Table 52. Cataler PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 53. Cataler Product Portfolio

Table 54. Cataler Recent Developments

Table 55. Heraeus PEM Fuel Cell Catalysts Company Information

Table 56. Heraeus Business Overview

Table 57. Heraeus PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 58. Heraeus Product Portfolio

- Table 59. Heraeus Recent Developments
- Table 60. ENY-Mobility PEM Fuel Cell Catalysts Company Information
- Table 61. ENY-Mobility Business Overview
- Table 62. ENY-Mobility PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)
- Table 63. ENY-Mobility Product Portfolio
- Table 64. ENY-Mobility Recent Developments
- Table 65. Wuhan Himalaya PEM Fuel Cell Catalysts Company Information
- Table 66. Wuhan Himalaya Business Overview
- Table 67. Wuhan Himalaya PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)
- Table 68. Wuhan Himalaya Product Portfolio
- Table 69. Wuhan Himalaya Recent Developments
- Table 70. Kunshan Sunlaite PEM Fuel Cell Catalysts Company Information
- Table 71. Kunshan Sunlaite Business Overview
- Table 72. Kunshan Sunlaite PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)
- Table 73. Kunshan Sunlaite Product Portfolio
- Table 74. Kunshan Sunlaite Recent Developments
- Table 75. Ningbo Zhongke PEM Fuel Cell Catalysts Company Information
- Table 76. Ningbo Zhongke Business Overview
- Table 77. Ningbo Zhongke PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)
- Table 78. Ningbo Zhongke Product Portfolio
- Table 79. Ningbo Zhongke Recent Developments
- Table 80. SuZhou Hydrogine Power Technology Co PEM Fuel Cell Catalysts Company Information
- Table 81. SuZhou Hydrogine Power Technology Co Business Overview
- Table 82. SuZhou Hydrogine Power Technology Co PEM Fuel Cell Catalysts Production (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)
- Table 83. SuZhou Hydrogine Power Technology Co Product Portfolio
- Table 84. SuZhou Hydrogine Power Technology Co Recent Developments
- Table 85. Global PEM Fuel Cell Catalysts Production Comparison by Region: 2018 VS 2022 VS 2029 (Kg)
- Table 86. Global PEM Fuel Cell Catalysts Production by Region (2018-2023) & (Kg)
- Table 87. Global PEM Fuel Cell Catalysts Production Market Share by Region (2018-2023)
- Table 88. Global PEM Fuel Cell Catalysts Production Forecast by Region (2024-2029) & (Kg)

Table 89. Global PEM Fuel Cell Catalysts Production Market Share Forecast by Region (2024-2029)

Table 90. Global PEM Fuel Cell Catalysts Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 91. Global PEM Fuel Cell Catalysts Production Value by Region (2018-2023) & (US\$ Million)

Table 92. Global PEM Fuel Cell Catalysts Production Value Market Share by Region (2018-2023)

Table 93. Global PEM Fuel Cell Catalysts Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 94. Global PEM Fuel Cell Catalysts Production Value Market Share Forecast by Region (2024-2029)

Table 95. Global PEM Fuel Cell Catalysts Market Average Price (US\$/Kg) by Region (2018-2023)

Table 96. Global PEM Fuel Cell Catalysts Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Table 97. Global PEM Fuel Cell Catalysts Consumption by Region (2018-2023) & (Kg)

Table 98. Global PEM Fuel Cell Catalysts Consumption Market Share by Region (2018-2023)

Table 99. Global PEM Fuel Cell Catalysts Forecasted Consumption by Region (2024-2029) & (Kg)

Table 100. Global PEM Fuel Cell Catalysts Forecasted Consumption Market Share by Region (2024-2029)

Table 101. North America PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 102. North America PEM Fuel Cell Catalysts Consumption by Country (2018-2023) & (Kg)

Table 103. North America PEM Fuel Cell Catalysts Consumption by Country (2024-2029) & (Kg)

Table 104. Europe PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 105. Europe PEM Fuel Cell Catalysts Consumption by Country (2018-2023) & (Kg)

Table 106. Europe PEM Fuel Cell Catalysts Consumption by Country (2024-2029) & (Kg)

Table 107. Asia Pacific PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 108. Asia Pacific PEM Fuel Cell Catalysts Consumption by Country (2018-2023) & (Kg)

Table 109. Asia Pacific PEM Fuel Cell Catalysts Consumption by Country (2024-2029) & (Kg)

Table 110. Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 111. Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption by Country (2018-2023) & (Kg)

Table 112. Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption by Country (2024-2029) & (Kg)

Table 113. Global PEM Fuel Cell Catalysts Production by Type (2018-2023) & (Kg)

Table 114. Global PEM Fuel Cell Catalysts Production by Type (2024-2029) & (Kg)

Table 115. Global PEM Fuel Cell Catalysts Production Market Share by Type (2018-2023)

Table 116. Global PEM Fuel Cell Catalysts Production Market Share by Type (2024-2029)

Table 117. Global PEM Fuel Cell Catalysts Production Value by Type (2018-2023) & (US\$ Million)

Table 118. Global PEM Fuel Cell Catalysts Production Value by Type (2024-2029) & (US\$ Million)

Table 119. Global PEM Fuel Cell Catalysts Production Value Market Share by Type (2018-2023)

Table 120. Global PEM Fuel Cell Catalysts Production Value Market Share by Type (2024-2029)

Table 121. Global PEM Fuel Cell Catalysts Price by Type (2018-2023) & (US\$/Kg)

Table 122. Global PEM Fuel Cell Catalysts Price by Type (2024-2029) & (US\$/Kg)

Table 123. Global PEM Fuel Cell Catalysts Production by Application (2018-2023) & (Kg)

Table 124. Global PEM Fuel Cell Catalysts Production by Application (2024-2029) & (Kg)

Table 125. Global PEM Fuel Cell Catalysts Production Market Share by Application (2018-2023)

Table 126. Global PEM Fuel Cell Catalysts Production Market Share by Application (2024-2029)

Table 127. Global PEM Fuel Cell Catalysts Production Value by Application (2018-2023) & (US\$ Million)

Table 128. Global PEM Fuel Cell Catalysts Production Value by Application (2024-2029) & (US\$ Million)

Table 129. Global PEM Fuel Cell Catalysts Production Value Market Share by Application (2018-2023)

Table 130. Global PEM Fuel Cell Catalysts Production Value Market Share by

Application (2024-2029)

Table 131. Global PEM Fuel Cell Catalysts Price by Application (2018-2023) & (US\$/Kg)

Table 132. Global PEM Fuel Cell Catalysts Price by Application (2024-2029) & (US\$/Kg)

Table 133. Key Raw Materials

Table 134. Raw Materials Key Suppliers

Table 135. PEM Fuel Cell Catalysts Distributors List

Table 136. PEM Fuel Cell Catalysts Customers List

Table 137. PEM Fuel Cell Catalysts Industry Trends

Table 138. PEM Fuel Cell Catalysts Industry Drivers

Table 139. PEM Fuel Cell Catalysts Industry Restraints

Table 140. Authors List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. PEM Fuel Cell Catalysts Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Platinum-based Product Picture

Figure 7. Non-platinum Product Picture

Figure 8. Transportation Product Picture

Figure 9. Stationary Power Product Picture

Figure 10. Portable Power Product Picture

Figure . Global PEM Fuel Cell Catalysts Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 1. Global PEM Fuel Cell Catalysts Production Value (2018-2029) & (US\$ Million)

Figure 2. Global PEM Fuel Cell Catalysts Production Capacity (2018-2029) & (Kg)

Figure 3. Global PEM Fuel Cell Catalysts Production (2018-2029) & (Kg)

Figure 4. Global PEM Fuel Cell Catalysts Average Price (US\$/Kg) & (2018-2029)

Figure 5. Global PEM Fuel Cell Catalysts Key Manufacturers, Manufacturing Sites & Headquarters

Figure 6. Global PEM Fuel Cell Catalysts Manufacturers, Date of Enter into This Industry

Figure 7. Global Top 5 and 10 PEM Fuel Cell Catalysts Players Market Share by Production Valu in 2022

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 9. Global PEM Fuel Cell Catalysts Production Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Figure 10. Global PEM Fuel Cell Catalysts Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 11. Global PEM Fuel Cell Catalysts Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 12. Global PEM Fuel Cell Catalysts Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 13. North America PEM Fuel Cell Catalysts Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 14. Europe PEM Fuel Cell Catalysts Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 15. China PEM Fuel Cell Catalysts Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 16. Japan PEM Fuel Cell Catalysts Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 17. Global PEM Fuel Cell Catalysts Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Figure 18. Global PEM Fuel Cell Catalysts Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 19. North America PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 20. North America PEM Fuel Cell Catalysts Consumption Market Share by Country (2018-2029)

Figure 21. United States PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 22. Canada PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 23. Europe PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 24. Europe PEM Fuel Cell Catalysts Consumption Market Share by Country (2018-2029)

Figure 25. Germany PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 26. France PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 27. U.K. PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 28. Italy PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 29. Netherlands PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 30. Asia Pacific PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 31. Asia Pacific PEM Fuel Cell Catalysts Consumption Market Share by Country (2018-2029)

Figure 32. China PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 33. Japan PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 34. South Korea PEM Fuel Cell Catalysts Consumption and Growth Rate

(2018-2029) & (Kg)

Figure 35. China Taiwan PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 36. Southeast Asia PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 37. India PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 38. Australia PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 39. Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 40. Latin America, Middle East & Africa PEM Fuel Cell Catalysts Consumption Market Share by Country (2018-2029)

Figure 41. Mexico PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 42. Brazil PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 43. Turkey PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 44. GCC Countries PEM Fuel Cell Catalysts Consumption and Growth Rate (2018-2029) & (Kg)

Figure 45. Global PEM Fuel Cell Catalysts Production Market Share by Type (2018-2029)

Figure 46. Global PEM Fuel Cell Catalysts Production Value Market Share by Type (2018-2029)

Figure 47. Global PEM Fuel Cell Catalysts Price (US\$/Kg) by Type (2018-2029)

Figure 48. Global PEM Fuel Cell Catalysts Production Market Share by Application (2018-2029)

Figure 49. Global PEM Fuel Cell Catalysts Production Value Market Share by Application (2018-2029)

Figure 50. Global PEM Fuel Cell Catalysts Price (US\$/Kg) by Application (2018-2029)

Figure 51. PEM Fuel Cell Catalysts Value Chain

Figure 52. PEM Fuel Cell Catalysts Production Mode & Process

Figure 53. Direct Comparison with Distribution Share

Figure 54. Distributors Profiles

Figure 55. PEM Fuel Cell Catalysts Industry Opportunities and Challenges

Highlights

The global PEM Fuel Cell Catalysts market is projected to reach US\$ million by 2028

from an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029.

North American market for PEM Fuel Cell Catalysts is estimated to increase from \$ million in 2022 to reach \$ million by 2028, at a CAGR of % during the forecast period of 2023 through 2028.

Asia-Pacific market for PEM Fuel Cell Catalysts is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of PEM Fuel Cell Catalysts include Johnson Matthey, Tanaka, Umicore, Nisshinbo, VINATech, Clariant, BASF, Cataler and Heraeus, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for PEM Fuel Cell Catalysts in Transportation is estimated to increase from \$ million in 2023 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Platinum-based, which accounted for % of the global market of PEM Fuel Cell Catalysts in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for PEM Fuel Cell Catalysts, 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 PEM Fuel Cell Catalysts.

The PEM Fuel Cell Catalysts market size, estimations, and forecasts are provided in terms of output/shipments (Kg) 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 PEM Fuel Cell Catalysts market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 PEM Fuel Cell Catalysts 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, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing.

This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Johnson Matthey

Tanaka

Umicore

Nisshinbo

VINATech

Clariant

BASF

Cataler

Heraeus

ENY-Mobility

Wuhan Himalaya

Kunshan Sunlaite

Ningbo Zhongke

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