

# Global PEM Fuel Cell Pt/C Catalyst Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global PEM Fuel Cell Pt/C Catalyst market size was valued at US\$ 390 million in 2024 and is forecast to a readjusted size of USD 971 million by 2031 with a CAGR of 14.1% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

A PEM (Proton-Exchange Membrane) Fuel Cell Pt/C (Platinum/Carbon) Catalyst is a composite material that consists of platinum nanoparticles supported on a carbon - based material. It is a crucial component in PEM fuel cells, which are electrochemical devices that convert the chemical energy of a fuel (primarily hydrogen) and an oxidant (usually oxygen from the air) into electrical energy.

This report is a detailed and comprehensive analysis for global PEM Fuel Cell Pt/C Catalyst market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global PEM Fuel Cell Pt/C Catalyst market size and forecasts, in consumption value (\$

Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global PEM Fuel Cell Pt/C Catalyst market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global PEM Fuel Cell Pt/C Catalyst market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (US\$/g), 2020-2031

Global PEM Fuel Cell Pt/C Catalyst market shares of main players, shipments in revenue (\$ Million), sales quantity (Kg), and ASP (US\$/g), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for PEM Fuel Cell Pt/C Catalyst
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global PEM Fuel Cell Pt/C Catalyst market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Johnson Matthey, Tanaka, Umicore, VINATech, Heraeus, Cataler, ENY-Mobility GmbH, Pajarito Powder, Wuhan Himalaya, Shanghai Jiping New Energy Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

PEM Fuel Cell Pt/C Catalyst market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Platinum on Carbon

Platinum Alloy on Carbon

Market segment by Application

Transportation

Fixed Power Supply

Mobile Power Supply

Major players covered

Johnson Matthey

Tanaka

Umicore

VINATech

Heraeus

Cataler

ENY-Mobility GmbH

Pajarito Powder

Wuhan Himalaya

Shanghai Jiping New Energy Technology

Ningbo Zhongke

Sino-Science Hydrogen

Sunlaite

Suzhou Qingdong Power Technology

Sinocat Environmental Protection

Nanjing Dongyan Hydrogen Energy Technology

Xiong'an New Power Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe PEM Fuel Cell Pt/C Catalyst product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PEM Fuel Cell Pt/C Catalyst, with price, sales quantity, revenue, and global market share of PEM Fuel Cell Pt/C Catalyst from 2020 to 2025.

Chapter 3, the PEM Fuel Cell Pt/C Catalyst competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PEM Fuel Cell Pt/C Catalyst breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and PEM Fuel Cell Pt/C Catalyst market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of PEM Fuel Cell Pt/C Catalyst.

Chapter 14 and 15, to describe PEM Fuel Cell Pt/C Catalyst sales channel, distributors, customers, research findings and conclusion.

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