

# Low Platinum Catalyst Market, Global Outlook and Forecast 2022-2028

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## Abstracts

The catalyst plays the role of decomposing hydrogen and oxygen for electrochemical reaction to generate electric current. Due to the high cost of rare metal platinum, if the catalyst is made into a core-shell structure, only one layer of platinum is used in the outermost layer; the catalyst is made into an established structure to increase the reaction contact area and greatly improve the reactivity of platinum; atomic layer deposition (ALD) ) method to prepare nanoparticle catalyst, which can make the catalyst cover much thinner and reduce the catalyst requirement by 60%.

This report contains market size and forecasts of Low Platinum Catalyst in global, including the following market information:

Global Low Platinum Catalyst Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Low Platinum Catalyst Market Sales, 2017-2022, 2023-2028, (KG)

Global top five Low Platinum Catalyst companies in 2021 (%)

The global Low Platinum Catalyst market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Pt-based Alloy Catalyst Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Low Platinum Catalyst include Mirai, Tanaka Kikinzoku Kogyo, Johnson Matthey, TANAKA HOLDINGS, Nisshinbo, BASF, Umicore, Shanghai Jiping New Energy Technology and Wuhan Himalaya Photoelectric Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Low Platinum Catalyst manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Low Platinum Catalyst Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (KG)

Global Low Platinum Catalyst Market Segment Percentages, by Type, 2021 (%)

Pt-based Alloy Catalyst

Pt-based Core Shell Catalysts

Pt Single Atom Catalyst

Global Low Platinum Catalyst Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (KG)

Global Low Platinum Catalyst Market Segment Percentages, by Application, 2021 (%)

Commercial Vehicle

Passenger Vehicle

Global Low Platinum Catalyst Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (KG)

Global Low Platinum Catalyst Market Segment Percentages, By Region and Country,

2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Low Platinum Catalyst revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Low Platinum Catalyst revenues share in global market, 2021 (%)

Key companies Low Platinum Catalyst sales in global market, 2017-2022 (Estimated), (KG)

Key companies Low Platinum Catalyst sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Mirai

Tanaka Kikinzoku Kogyo

Johnson Matthey

TANAKA HOLDINGS

Nisshinbo

BASF

Umicore

Shanghai Jiping New Energy Technology

Wuhan Himalaya Photoelectric Technology

Sino-Platinum Metals

SINOCAT ENVIRONMENTAL PROTECTION

Nanjing Doinpower Technology

Kaili Catalyst&New Materials

Ningbo Zhongkeke Innovation Energy Technology

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