

Global Precious Metal Catalysts Market Size study, By Type (Platinum, Palladium, Rhodium, Iridium, Ruthenium), By End-Use (Automobile, Pharmaceutical, Refinery, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Precious Metal Catalysts Market is valued at approximately USD 17.21 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.19% over the forecast period 2022-2028. Catalysts are the elements that improve the rate of a chemical reaction without chemically changing or disburshed their properties. Precious Metal Catalysts are manufactured from nanoscale particles that are likely to absorb hydrogen and oxygen present in the environment. The various types of Precious Metal Catalysts comprise ruthenium, iridium, palladium, rhodium, and platinum, catalysts as these catalysts are majorly used for organic synthesis reactions. The increasing concerns regarding the environment, rising adoption of the lightweight vehicle, growing demand from the end-use industry such as pharmaceutical, automobile, refinery, and others, and increasing initiatives for product developments by the leading market players are the major factors that may augment the market demand across the globe. For instance, in April 2020, Mineworx Technologies collaborated with Davis-a US recycling company to develop its catalytic converter recycling, to build and operate a commercial pilot plant to recover platinum group metals (PGM) from catalytic converters. However, the price volatility of precious metals impedes the growth of the market over the forecast period of 2022-2028. Also, the increasing R&D activities to reduce costs and improve the quality of catalysts is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Precious Metal Catalysts Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World.

Europe is the leading region across the world in terms of market share owing to the increasing concerns regarding environmental safety, coupled with the growing demand for lightweight vehicles. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growth of the automotive industry as well as emerging economies such as India and China would create lucrative growth prospects for the Precious Metal Catalysts Market across the Asia-Pacific region.

Major market players included in this report are:

BASF SE

Evonik Industries AG

Johnson Matthey Plc

Heraeus Group

Clariant International Ltd

Umicore SA

Alfa Aesar

Vineeth Precious Catalysts Pvt. Ltd.

American Elements

Sabin Metal Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Platinum

Palladium

Rhodium

Iridium

Ruthenium

By End-Use

Automobile

Pharmaceutical

Refinery

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Precious Metal Catalysts Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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