

# Global Rare Earth Exhaust Catalyst Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Rare Earth Exhaust Catalyst market size was valued at US\$ 232 million in 2025 and is forecast to a readjusted size of US\$ 300 million by 2032 with a CAGR of 3.8% during review period.

In 2025, global Rare Earth Exhaust Catalyst production reached approximately 15 k tons, with an average global market price of around US\$15 per kilogram. Rare Earth Exhaust Catalyst is a specialized emission control component used in vehicles, utilizing rare earth elements—primarily cerium (Ce) and lanthanum (La)—alongside precious metals to reduce harmful emissions like carbon monoxide (CO), hydrocarbons (HC), and nitrogen oxides (NO). These catalysts enhance oxygen storage, thermal stability, and overall purification efficiency, making them essential for meeting strict environmental standards.

The global rare earth exhaust catalyst market is primarily shaped by increasingly stringent vehicle emission regulations worldwide, which directly determine product technical requirements and market demand structure. Major economies continue to raise emission limits for exhaust pollutants, demanding higher conversion efficiency, durability and low-temperature activity from catalysts, driving industry technological iteration and product upgrading. The supply pattern of rare earth raw materials is highly concentrated, with geopolitical factors and national resource control policies jointly affecting supply chain stability. Raw material price fluctuations and supply uncertainties constitute the main challenges facing the industry. Industry R&D focuses on optimizing rare earth element ratios, improving rare earth utilization efficiency and developing rare earth recycling technologies, while exploring low-rare-earth or rare-earth-free alternative materials to reduce dependence on critical raw materials. The development of hybrid

electric vehicles brings new demand growth points for rare earth exhaust catalysts. Although the traditional fuel vehicle market is affected by electrification trends, it will maintain stable catalyst demand for a long period. Emerging markets, with their rapidly growing vehicle ownership, become important contributors to global rare earth exhaust catalyst demand. The industry as a whole features high technical barriers and strong industrial chain synergy, with regional supply chain layout and in-depth upstream and downstream cooperation emerging as important development trends.

This report is a detailed and comprehensive analysis for global Rare Earth Exhaust Catalyst market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Rare Earth Element 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 Rare Earth Exhaust Catalyst market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Rare Earth Exhaust Catalyst market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Rare Earth Exhaust Catalyst market size and forecasts, by Rare Earth Element and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Rare Earth Exhaust Catalyst market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

#### 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 Rare Earth Exhaust 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 Rare Earth Exhaust 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 BASF, Johnson Matthey, Umicore, Solvay, Albemarle, Cataler, Advanced Engineering Materials, DKKK, Neo Performance Materials, Luxfer MEL Technologies, etc.

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

### Market Segmentation

Rare Earth Exhaust Catalyst market is split by Rare Earth Element and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Rare Earth Element, 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 Rare Earth Element

Cerium-Zirconium Solid Solution Type

Rare Earth Perovskite Type

Others

#### Market segment by Rare Earth Element

Cerium-based

Lanthanum-based

Others

## Market segment by Fuel Type

Gasoline Vehicles

Diesel Vehicles

## Market segment by Application

Passenger Vehicles

Commercial Vehicles

## Major players covered

BASF

Johnson Matthey

Umicore

Solvay

Albemarle

Cataler

Advanced Engineering Materials

DKKK

Neo Performance Materials

Luxfer MEL Technologies

PIDC

Inner Mongolia Baotou Steel Rare-earth

## Sinocera Functional Material

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 Rare Earth Exhaust Catalyst product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rare Earth Exhaust Catalyst, with price, sales quantity, revenue, and global market share of Rare Earth Exhaust Catalyst from 2021 to 2026.

Chapter 3, the Rare Earth Exhaust Catalyst competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rare Earth Exhaust Catalyst breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Rare Earth Element and by Application, with sales market share and growth rate by Rare Earth Element, by Application, from 2021 to 2032.

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 2021 to 2026. and Rare Earth Exhaust Catalyst market forecast, by regions, by Rare Earth Element, and by Application, with sales and revenue, from 2027 to 2032.

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 Rare Earth Exhaust Catalyst.

Chapter 14 and 15, to describe Rare Earth Exhaust Catalyst sales channel, distributors, customers, research findings and conclusion.

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