

Global Catalytic Coating 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 Catalytic Coating market size was valued at US\$ 6606 million in 2025 and is forecast to a readjusted size of US\$ 10578 million by 2032 with a CAGR of 6.9% during review period.

Catalytic Coating refers to a thin functional layer applied to a substrate (such as metals, ceramics, polymers, or structured supports) that contains active catalytic materials—typically precious metals (platinum, palladium, rhodium), base metals (nickel, cobalt, copper), or metal oxides (TiO₂, Al₂O₃, CeO₂)—to accelerate chemical reactions without being consumed. The supply chain begins upstream with mining and refining of precious and base metals, production of catalyst chemicals, binders, and washcoat materials, followed by midstream formulation of catalytic slurries and coating systems, and coating processes such as dip-coating, spray-coating, sol-gel deposition, chemical vapor deposition (CVD), or thermal spraying. Downstream, catalytic coatings are integrated onto substrates like monoliths, membranes, heat exchangers, filters, and industrial components, then supplied to end-use sectors including automotive emission control, chemical processing, energy & hydrogen systems, environmental remediation, electronics manufacturing, and industrial air & water treatment, with performance driven by catalyst loading, surface area, adhesion, and thermal durability. In 2025, the global catalytic coating market records an annual production volume of approximately 292,000 tons against a global installed production capacity of around 415,000 tons per year, with average unit prices ranging from USD 18,000 to 51,000 per ton, reflecting wide variation by catalyst composition and precious-metal loading, while leading manufacturers maintain an average gross margin of about 38%.

This report is a detailed and comprehensive analysis for global Catalytic Coating

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 Catalytic Coating market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

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

Global Catalytic Coating market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Catalytic Coating 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 Catalytic Coating
- 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 Catalytic Coating 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 (UK), BASF (Germany), Clariant (Switzerland), Evonik (Germany), Umicore (Belgium), Topsøe (Denmark), W.R. Grace (USA), Axens (France), Alfa Aesar (USA), SABIC (Saudi Arabia), etc.

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

Market Segmentation

Catalytic Coating market is split by Type and by Application. For the period 2021-2032, 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

Precious Metal–Based

Base Metal–Based

Zeolite-Based

Market segment by Substrate

Metal Substrate

Ceramic Substrate

Polymer Substrate

Market segment by Application

Automotive

Industrial

Construction

Healthcare

Others

Major players covered

Johnson Matthey (UK)

BASF (Germany)

Clariant (Switzerland)

Evonik (Germany)

Umicore (Belgium)

Topsøe (Denmark)

W.R. Grace (USA)

Axens (France)

Alfa Aesar (USA)

SABIC (Saudi Arabia)

INEOS Group (UK)

Arkema Group (France)

Mitsubishi Chemical (Japan)

Takasago (Japan)

CHIMET (Italy)

Kaili Catalyst (China)

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 Catalytic Coating product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Catalytic Coating, with price, sales quantity, revenue, and global market share of Catalytic Coating from 2021 to 2026.

Chapter 3, the Catalytic Coating competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Catalytic Coating 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 Type and by Application, with sales market share and growth rate by Type, 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 Catalytic Coating market forecast, by regions, by Type, 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 Catalytic Coating.

Chapter 14 and 15, to describe Catalytic Coating sales channel, distributors, customers, research findings and conclusion.

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