

Cobalt Oxide Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

https://marketpublishers.com/r/C7CB870CD249EN.html

Date: February 2025

Pages: 87

Price: US\$ 3,200.00 (Single User License)

ID: C7CB870CD249EN

Abstracts

Cobalt Oxide Market Review 2025

The Cobalt Oxide Market is poised to experience considerable growth in the upcoming years, driven by increasing demand from various end-use industries and technological advancements. This market review provides an analytical overview of the Cobalt Oxide Market in 2025, covering market size, share, trends, key players, regional insights, and forecasts from 2025 to 2030.

Market Overview

Cobalt oxide, primarily used in the manufacture of lithium-ion battery precursors, ceramics, and glass industry applications, has become an integral part of modern technology. The rising demand for electric vehicles (EVs) and energy storage systems is significantly driving market growth. The market is characterized by a shift towards higher performance materials and suppliers focusing on sustainable sourcing practices.

Market Size

As of 2025, the Cobalt Oxide Market is projected to reach approximately \$5.5 billion with a compound annual growth rate (CAGR) of around 7.5% from 2025 to 2030. This growth can be attributed to an increase in the production of lithium-ion batteries, which have become a staple in consumer electronics and EVs.

Market Share & Trends Analysis

By Product Type: Nanostructured Cobalt Oxide

The market for nanostructured cobalt oxide is expected to witness substantial growth,



accounting for about 20%-30% of the total market share. Its applications across several industries due to enhanced properties such as higher electrical conductivity and larger surface area are driving demand.

By Key Players

The competitive landscape of the Cobalt Oxide Market is characterized by several key players, including:

Umicore
Huayou Cobalt
GEM Co., Ltd.
CNGR Advanced Material
Jinchuan Group
Ganzhou Tengyuan Cobalt
CoreMax Corporation

These companies are focusing on innovations, expansion of capacities, and strategic partnerships to maintain their market positions.

By Process

The Cobalt Oxide Market can be segmented into hydrometallurgical and pyrometallurgical processes. Hydrometallurgy is expected to dominate the market, accounting for around 60% of the market share due to its higher efficiency and lower environmental impact.

By Application

Li-ion Battery Precursor: Expected to hold the largest segment, contributing about 40% of the market due to the booming demand for EVs and portable electronics.

Pottery Enamel: This segment will also grow, valued at approximately \$1 billion by 2025, driven by the demand for aesthetic finishes.

Glass: A vital market segment, projected to account for 15% due to its usage in special glass applications.

Others: Including catalysts, with an estimated contribution of 10%-15%.

By End-Use

The Cobalt Oxide Market serves various end-use industries, primarily:



Electronics: Rapidly growing, with expectations to represent 35% of total demand, driven by the constant innovation in consumer electronics.

Automotive: Projected to grow at a CAGR of 8% as electric vehicle production rises. Aerospace & Defense: Although smaller, this segment remains crucial due to stringent quality and performance standards.

By Region

The geographical segmentation of the Cobalt Oxide Market indicates that:

Asia Pacific is anticipated to dominate, accounting for more than 40% of the market share owing to the increasing manufacturing capabilities in countries like China. North America and Europe will follow, with market shares of about 25% and 20% respectively, driven by the growing investment in green technologies and EV adoption. Latin America and Middle East & Africa: These regions together are expected to account for the remaining 15%.

Market News on Policy and Companies

Recent policies focusing on sustainable mining practices and increasing demand for cobalt recycling have emerged globally. Governments are encouraging companies to adopt eco-friendly practices in cobalt extraction and trading, supporting the development of a circular economy.

Key players in the cobalt oxide market are actively pursuing strategic acquisitions and joint ventures to enhance their production capabilities. For instance, Umicore has recently announced plans to expand its battery materials segment through a significant investment of \$1.5 billion in research and development of cobalt-free battery technologies.

Segment Forecasts, 2025 - 2030

The forecasts for the Cobalt Oxide Market from 2025 to 2030 indicate robust growth across all segments. The Li-ion battery precursor application is set to continue its dominance, with a projected CAGR of 8%. Pottery enamel and glass applications will also experience healthy growth rates, driven by the recovery of the construction sector post-pandemic.

Overall, the Cobalt Oxide Market is expected to maintain an upward trajectory due to sustained demand from emerging technologies and the growing focus on renewable energy sources.



Conclusion

In conclusion, the Cobalt Oxide Market shows promising growth prospects through 2025 and beyond, fueled by advancements in technology, increasing consumer demand, and supportive government policies. Companies that focus on innovation and sustainability are likely to thrive in this evolving market landscape.



Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

- 3.1 Research Scope
- 3.2 Research Sources
 - 3.2.1 Data Sources
 - 3.2.2 Assumptions
- 3.3 Research Method

CHAPTER 4 MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

- 6.1 Upstream/Suppliers Analysis
- 6.2 Cobalt Oxide Analysis
 - 6.2.1 Technology Analysis
 - 6.2.2 Cost Analysis
 - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS



- 7.1 Latest News
- 7.2 Merger and Acquisition
- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 TRADING ANALYSIS

- 8.1 Export of Cobalt Oxide by Region
- 8.2 Import of Cobalt Oxide by Region
- 8.3 Balance of Trade

CHAPTER 9 HISTORICAL AND FORECAST COBALT OXIDE MARKET IN NORTH AMERICA (2020-2030)

- 9.1 Cobalt Oxide Market Size
- 9.2 Cobalt Oxide Demand by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Type Segmentation and Price
- 9.5 Key Countries Analysis
 - 9.5.1 United States
 - 9.5.2 Canada
 - 9.5.3 Mexico

CHAPTER 10 HISTORICAL AND FORECAST COBALT OXIDE MARKET IN SOUTH AMERICA (2020-2030)

- 10.1 Cobalt Oxide Market Size
- 10.2 Cobalt Oxide Demand by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Type Segmentation and Price
- 10.5 Key Countries Analysis
 - 10.5.1 Brazil
 - 10.5.2 Argentina
 - 10.5.3 Chile
 - 10.5.4 Peru

CHAPTER 11 HISTORICAL AND FORECAST COBALT OXIDE MARKET IN ASIA & PACIFIC (2020-2030)



- 11.1 Cobalt Oxide Market Size
- 11.2 Cobalt Oxide Demand by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Type Segmentation and Price
- 11.5 Key Countries Analysis
 - 11.5.1 China
 - 11.5.2 India
 - 11.5.3 Japan
 - 11.5.4 South Korea
 - 11.5.5 Southest Asia
 - 11.5.6 Australia

CHAPTER 12 HISTORICAL AND FORECAST COBALT OXIDE MARKET IN EUROPE (2020-2030)

- 12.1 Cobalt Oxide Market Size
- 12.2 Cobalt Oxide Demand by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Type Segmentation and Price
- 12.5 Key Countries Analysis
 - 12.5.1 Germany
 - 12.5.2 France
 - 12.5.3 United Kingdom
 - 12.5.4 Italy
 - 12.5.5 Spain
 - 12.5.6 Belgium
 - 12.5.7 Netherlands
 - 12.5.8 Austria
 - 12.5.9 Poland
 - 12.5.10 Russia

CHAPTER 13 HISTORICAL AND FORECAST COBALT OXIDE MARKET IN MEA (2020-2030)

- 13.1 Cobalt Oxide Market Size
- 13.2 Cobalt Oxide Demand by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Type Segmentation and Price
- 13.5 Key Countries Analysis



- 13.5.1 Egypt
- 13.5.2 Israel
- 13.5.3 South Africa
- 13.5.4 Gulf Cooperation Council Countries
- 13.5.5 Turkey

CHAPTER 14 SUMMARY FOR GLOBAL COBALT OXIDE MARKET (2020-2025)

- 14.1 Cobalt Oxide Market Size
- 14.2 Cobalt Oxide Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

CHAPTER 15 GLOBAL COBALT OXIDE MARKET FORECAST (2025-2030)

- 15.1 Cobalt Oxide Market Size Forecast
- 15.2 Cobalt Oxide Demand Forecast
- 15.3 Competition by Players/Suppliers
- 15.4 Type Segmentation and Price Forecast

CHAPTER 16 ANALYSIS OF GLOBAL KEY VENDORS

- 16.1 Umicore
 - 16.1.1 Company Profile
 - 16.1.2 Main Business and Cobalt Oxide Information
 - 16.1.3 SWOT Analysis of Umicore
 - 16.1.4 Umicore Cobalt Oxide Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.2 Huayou Cobalt
 - 16.2.1 Company Profile
 - 16.2.2 Main Business and Cobalt Oxide Information
 - 16.2.3 SWOT Analysis of Huayou Cobalt
- 16.2.4 Huayou Cobalt Cobalt Oxide Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.3 GEM
 - 16.3.1 Company Profile
 - 16.3.2 Main Business and Cobalt Oxide Information
 - 16.3.3 SWOT Analysis of GEM
 - 16.3.4 GEM Cobalt Oxide Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.4 CNGR



16.4.1 Company Profile

16.4.2 Main Business and Cobalt Oxide Information

16.4.3 SWOT Analysis of CNGR

16.4.4 CNGR Cobalt Oxide Sales, Revenue, Price and Gross Margin (2020-2025)

16.5 Jinchuan

16.5.1 Company Profile

16.5.2 Main Business and Cobalt Oxide Information

16.5.3 SWOT Analysis of Jinchuan

16.5.4 Jinchuan Cobalt Oxide Sales, Revenue, Price and Gross Margin (2020-2025)

16.6 Ganzhou Tengyuan Cobalt

16.6.1 Company Profile

16.6.2 Main Business and Cobalt Oxide Information

16.6.3 SWOT Analysis of Ganzhou Tengyuan Cobalt

16.6.4 Ganzhou Tengyuan Cobalt Cobalt Oxide Sales, Revenue, Price and Gross

Margin (2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms List

Table Research Scope of Cobalt Oxide Report

Table Data Sources of Cobalt Oxide Report

Table Major Assumptions of Cobalt Oxide Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Cobalt Oxide Picture

Table Cobalt Oxide Classification

Table Cobalt Oxide Applications List

Table Drivers of Cobalt Oxide Market

Table Restraints of Cobalt Oxide Market

Table Opportunities of Cobalt Oxide Market

Table Threats of Cobalt Oxide Market

Table Raw Materials Suppliers List

Table Different Production Methods of Cobalt Oxide

Table Cost Structure Analysis of Cobalt Oxide

Table Key End Users List

Table Latest News of Cobalt Oxide Market

Table Merger and Acquisition List

Table Planned/Future Project of Cobalt Oxide Market

Table Policy of Cobalt Oxide Market

Table 2020-2030 Regional Export of Cobalt Oxide



Table 2020-2030 Regional Import of Cobalt Oxide

Table 2020-2030 Regional Trade Balance

Figure 2020-2030 Regional Trade Balance

Table 2020-2030 North America Cobalt Oxide Market Size and Market Volume List

Figure 2020-2030 North America Cobalt Oxide Market Size and CAGR

Figure 2020-2030 North America Cobalt Oxide Market Volume and CAGR

Table 2020-2030 North America Cobalt Oxide Demand List by Application

Table 2020-2025 North America Cobalt Oxide Key Players Sales List

Table 2020-2025 North America Cobalt Oxide Key Players Market Share List

Table 2020-2030 North America Cobalt Oxide Demand List by Type

Table 2020-2025 North America Cobalt Oxide Price List by Type

Table 2020-2030 United States Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 United States Cobalt Oxide Import & Export List

Table 2020-2030 Canada Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Canada Cobalt Oxide Import & Export List

Table 2020-2030 Mexico Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Mexico Cobalt Oxide Import & Export List

Table 2020-2030 South America Cobalt Oxide Market Size and Market Volume List

Figure 2020-2030 South America Cobalt Oxide Market Size and CAGR

Figure 2020-2030 South America Cobalt Oxide Market Volume and CAGR

Table 2020-2030 South America Cobalt Oxide Demand List by Application

Table 2020-2025 South America Cobalt Oxide Key Players Sales List

Table 2020-2025 South America Cobalt Oxide Key Players Market Share List

Table 2020-2030 South America Cobalt Oxide Demand List by Type

Table 2020-2025 South America Cobalt Oxide Price List by Type

Table 2020-2030 Brazil Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Brazil Cobalt Oxide Import & Export List

Table 2020-2030 Argentina Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Argentina Cobalt Oxide Import & Export List

Table 2020-2030 Chile Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Chile Cobalt Oxide Import & Export List

Table 2020-2030 Peru Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Peru Cobalt Oxide Import & Export List

Table 2020-2030 Asia & Pacific Cobalt Oxide Market Size and Market Volume List

Figure 2020-2030 Asia & Pacific Cobalt Oxide Market Size and CAGR

Figure 2020-2030 Asia & Pacific Cobalt Oxide Market Volume and CAGR

Table 2020-2030 Asia & Pacific Cobalt Oxide Demand List by Application

Table 2020-2025 Asia & Pacific Cobalt Oxide Key Players Sales List

Table 2020-2025 Asia & Pacific Cobalt Oxide Key Players Market Share List



Table 2020-2030 Asia & Pacific Cobalt Oxide Demand List by Type

Table 2020-2025 Asia & Pacific Cobalt Oxide Price List by Type

Table 2020-2030 China Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 China Cobalt Oxide Import & Export List

Table 2020-2030 India Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 India Cobalt Oxide Import & Export List

Table 2020-2030 Japan Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Japan Cobalt Oxide Import & Export List

Table 2020-2030 South Korea Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 South Korea Cobalt Oxide Import & Export List

Table 2020-2030 Southeast Asia Cobalt Oxide Market Size List

Table 2020-2030 Southeast Asia Cobalt Oxide Market Volume List

Table 2020-2030 Southeast Asia Cobalt Oxide Import List

Table 2020-2030 Southeast Asia Cobalt Oxide Export List

Table 2020-2030 Australia Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Australia Cobalt Oxide Import & Export List

Table 2020-2030 Europe Cobalt Oxide Market Size and Market Volume List

Figure 2020-2030 Europe Cobalt Oxide Market Size and CAGR

Figure 2020-2030 Europe Cobalt Oxide Market Volume and CAGR

Table 2020-2030 Europe Cobalt Oxide Demand List by Application

Table 2020-2025 Europe Cobalt Oxide Key Players Sales List

Table 2020-2025 Europe Cobalt Oxide Key Players Market Share List

Table 2020-2030 Europe Cobalt Oxide Demand List by Type

Table 2020-2025 Europe Cobalt Oxide Price List by Type

Table 2020-2030 Germany Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Germany Cobalt Oxide Import & Export List

Table 2020-2030 France Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 France Cobalt Oxide Import & Export List

Table 2020-2030 United Kingdom Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 United Kingdom Cobalt Oxide Import & Export List

Table 2020-2030 Italy Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Italy Cobalt Oxide Import & Export List

Table 2020-2030 Spain Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Spain Cobalt Oxide Import & Export List

Table 2020-2030 Belgium Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Belgium Cobalt Oxide Import & Export List

Table 2020-2030 Netherlands Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Netherlands Cobalt Oxide Import & Export List

Table 2020-2030 Austria Cobalt Oxide Market Size and Market Volume List



Table 2020-2030 Austria Cobalt Oxide Import & Export List

Table 2020-2030 Poland Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Poland Cobalt Oxide Import & Export List

Table 2020-2030 Russia Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Russia Cobalt Oxide Import & Export List

Table 2020-2030 MEA Cobalt Oxide Market Size and Market Volume List

Figure 2020-2030 MEA Cobalt Oxide Market Size and CAGR

Figure 2020-2030 MEA Cobalt Oxide Market Volume and CAGR

Table 2020-2030 MEA Cobalt Oxide Demand List by Application

Table 2020-2025 MEA Cobalt Oxide Key Players Sales List

Table 2020-2025 MEA Cobalt Oxide Key Players Market Share List

Table 2020-2030 MEA Cobalt Oxide Demand List by Type

Table 2020-2025 MEA Cobalt Oxide Price List by Type

Table 2020-2030 Egypt Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Egypt Cobalt Oxide Import & Export List

Table 2020-2030 Israel Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Israel Cobalt Oxide Import & Export List

Table 2020-2030 South Africa Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 South Africa Cobalt Oxide Import & Export List

Table 2020-2030 Gulf Cooperation Council Countries Cobalt Oxide Market Size and

Market Volume List

Table 2020-2030 Gulf Cooperation Council Countries Cobalt Oxide Import & Export List

Table 2020-2030 Turkey Cobalt Oxide Market Size and Market Volume List

Table 2020-2030 Turkey Cobalt Oxide Import & Export List

Table 2020-2025 Global Cobalt Oxide Market Size List by Region

Table 2020-2025 Global Cobalt Oxide Market Size Share List by Region

Table 2020-2025 Global Cobalt Oxide Market Volume List by Region

Table 2020-2025 Global Cobalt Oxide Market Volume Share List by Region

Table 2020-2025 Global Cobalt Oxide Demand List by Application

Table 2020-2025 Global Cobalt Oxide Demand Market Share List by Application

Table 2020-2025 Global Cobalt Oxide Capacity List

Table 2020-2025 Global Cobalt Oxide Key Vendors Capacity Share List

Table 2020-2025 Global Cobalt Oxide Key Vendors Production List

Table 2020-2025 Global Cobalt Oxide Key Vendors Production Share List

Figure 2020-2025 Global Cobalt Oxide Capacity Production and Growth Rate

Table 2020-2025 Global Cobalt Oxide Key Vendors Production Value List

Figure 2020-2025 Global Cobalt Oxide Production Value and Growth Rate

Table 2020-2025 Global Cobalt Oxide Key Vendors Production Value Share List

Table 2020-2025 Global Cobalt Oxide Demand List by Type



Table 2020-2025 Global Cobalt Oxide Demand Market Share List by Type

Table 2020-2025 Regional Cobalt Oxide Price List

Table 2025-2030 Global Cobalt Oxide Market Size List by Region

Table 2025-2030 Global Cobalt Oxide Market Size Share List by Region

Table 2025-2030 Global Cobalt Oxide Market Volume List by Region

Table 2025-2030 Global Cobalt Oxide Market Volume Share List by Region

Table 2025-2030 Global Cobalt Oxide Demand List by Application

Table 2025-2030 Global Cobalt Oxide Demand Market Share List by Application

Table 2025-2030 Global Cobalt Oxide Capacity List

Table 2025-2030 Global Cobalt Oxide Key Vendors Capacity Share List

Table 2025-2030 Global Cobalt Oxide Key Vendors Production List

Table 2025-2030 Global Cobalt Oxide Key Vendors Production Share List

Figure 2025-2030 Global Cobalt Oxide Capacity Production and Growth Rate

Table 2025-2030 Global Cobalt Oxide Key Vendors Production Value List

Figure 2025-2030 Global Cobalt Oxide Production Value and Growth Rate

Table 2025-2030 Global Cobalt Oxide Key Vendors Production Value Share List

Table 2025-2030 Global Cobalt Oxide Demand List by Type

Table 2025-2030 Global Cobalt Oxide Demand Market Share List by Type

Table 2025-2030 Cobalt Oxide Regional Price List

Table Umicore Information

Table SWOT Analysis of Umicore

Table 2020-2025 Umicore Cobalt Oxide Product Capacity Production Price Cost

Production Value

Figure 2020-2025 Umicore Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 Umicore Cobalt Oxide Market Share

Table Huayou Cobalt Information

Table SWOT Analysis of Huayou Cobalt

Table 2020-2025 Huayou Cobalt Oxide Product Capacity Production Price Cost

Production Value

Figure 2020-2025 Huayou Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 Huayou Cobalt Cobalt Oxide Market Share

Table GEM Information

Table SWOT Analysis of GEM

Table 2020-2025 GEM Cobalt Oxide Product Capacity Production Price Cost

Production Value

Figure 2020-2025 GEM Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 GEM Cobalt Oxide Market Share

Table CNGR Information

Table SWOT Analysis of CNGR



Table 2020-2025 CNGR Cobalt Oxide Product Capacity Production Price Cost Production Value

Figure 2020-2025 CNGR Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 CNGR Cobalt Oxide Market Share

Table Jinchuan Information

Table SWOT Analysis of Jinchuan

Table 2020-2025 Jinchuan Cobalt Oxide Product Capacity Production Price Cost Production Value

Figure 2020-2025 Jinchuan Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 Jinchuan Cobalt Oxide Market Share

Table Ganzhou Tengyuan Cobalt Information

Table SWOT Analysis of Ganzhou Tengyuan Cobalt

Table 2020-2025 Ganzhou Tengyuan Cobalt Cobalt Oxide Product Capacity Production

Price Cost Production Value

Figure 2020-2025 Ganzhou Tengyuan Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 Ganzhou Tengyuan Cobalt Oxide Market Share

Table CoreMax Corporation Information

Table SWOT Analysis of CoreMax Corporation

Table 2020-2025 CoreMax Corporation Cobalt Oxide Product Capacity Production Price Cost Production Value

Figure 2020-2025 CoreMax Corporation Cobalt Oxide Capacity Production and Growth Rate

Figure 2020-2025 CoreMax Corporation Cobalt Oxide Market Share

.



I would like to order

Product name: Cobalt Oxide Global Market Insights 2025, Analysis and Forecast to 2030, by

Manufacturers, Regions, Technology, Application

Product link: https://marketpublishers.com/r/C7CB870CD249EN.html

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/C7CB870CD249EN.html