

# Global Polymorphic NCM Ternary Precursor Market Growth 2023-2029

<https://marketpublishers.com/r/G4CEAB97BEFFEN.html>

Date: August 2023

Pages: 107

Price: US\$ 3,660.00 (Single User License)

ID: G4CEAB97BEFFEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our (LP Info Research) latest study, the global Polymorphic NCM Ternary Precursor market size was valued at US\$ million in 2022. With growing demand in downstream market and recovery from influence of COVID-19 and the Russia-Ukraine War, the Polymorphic NCM Ternary Precursor is forecast to a readjusted size of US\$ million by 2029 with a CAGR of % during review period.

The research report highlights the growth potential of the global Polymorphic NCM Ternary Precursor market. With recovery from influence of COVID-19 and the Russia-Ukraine War, Polymorphic NCM Ternary Precursor are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Polymorphic NCM Ternary Precursor. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Polymorphic NCM Ternary Precursor market.

The polymorphic NCM ternary precursor is a precursor material for the synthesis of polymorphic  $\text{LiNi}_x\text{Co}_y\text{Mn}_z\text{O}_2$  (NCM) cathode materials for lithium-ion batteries. Polymorphic NCM cathodes have different crystal structures, such as layered, spinel, or rock salt, depending on the synthesis conditions and the composition ratios of Ni, Co, and Mn<sup>1</sup>. Compared with conventional NCM cathodes, polymorphic NCM cathodes can provide improved electrochemical performance, such as higher capacity, better rate capability, and longer cycle life. Polymorphic NCM ternary precursors are usually prepared by co-precipitation, which involves the precipitation of mixed metal hydroxides

from solutions containing Ni, Co, and Mn salts.

#### Key Features:

The report on Polymorphic NCM Ternary Precursor market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Polymorphic NCM Ternary Precursor market. It may include historical data, market segmentation by Type (e.g., NCM433, NCM532), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Polymorphic NCM Ternary Precursor market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Polymorphic NCM Ternary Precursor market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Polymorphic NCM Ternary Precursor industry. This include advancements in Polymorphic NCM Ternary Precursor technology, Polymorphic NCM Ternary Precursor new entrants, Polymorphic NCM Ternary Precursor new investment, and other innovations that are shaping the future of Polymorphic NCM Ternary Precursor.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Polymorphic NCM Ternary Precursor market. It includes factors influencing customer ' purchasing decisions, preferences for Polymorphic NCM Ternary Precursor product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Polymorphic NCM Ternary Precursor market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Polymorphic NCM Ternary Precursor market.

The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Polymorphic NCM Ternary Precursor market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Polymorphic NCM Ternary Precursor industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Polymorphic NCM Ternary Precursor market.

**Market Segmentation:**

Polymorphic NCM Ternary Precursor market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

**Segmentation by type**

NCM433

NCM532

NCM622

NCM721

**Segmentation by application**

Automobile Industry

Consumer Electronics Industry

Energy Storage Industry

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Zhejiang Power New Energy Co., Ltd.

GEM Co., Ltd

Umicore

Greatpower Technology Co

BRUNP RECYCLING

CNGR Corporation

RONBAY TECHNOLOGY

Hunan Changyuan Lico

GanfengLithium

Zhejiang Huayou Cobalt

JIANA ENERGY

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Polymorphic NCM Ternary Precursor market?

What factors are driving Polymorphic NCM Ternary Precursor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Polymorphic NCM Ternary Precursor market opportunities vary by end market size?

How does Polymorphic NCM Ternary Precursor break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Polymorphic NCM Ternary Precursor Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Polymorphic NCM Ternary Precursor by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Polymorphic NCM Ternary Precursor by Country/Region, 2018, 2022 & 2029
- 2.2 Polymorphic NCM Ternary Precursor Segment by Type
  - 2.2.1 NCM433
  - 2.2.2 NCM532
  - 2.2.3 NCM622
  - 2.2.4 NCM721
- 2.3 Polymorphic NCM Ternary Precursor Sales by Type
  - 2.3.1 Global Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Polymorphic NCM Ternary Precursor Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Polymorphic NCM Ternary Precursor Sale Price by Type (2018-2023)
- 2.4 Polymorphic NCM Ternary Precursor Segment by Application
  - 2.4.1 Automobile Industry
  - 2.4.2 Consumer Electronics Industry
  - 2.4.3 Energy Storage Industry
  - 2.4.4 Others
- 2.5 Polymorphic NCM Ternary Precursor Sales by Application
  - 2.5.1 Global Polymorphic NCM Ternary Precursor Sale Market Share by Application

(2018-2023)

2.5.2 Global Polymorphic NCM Ternary Precursor Revenue and Market Share by Application (2018-2023)

2.5.3 Global Polymorphic NCM Ternary Precursor Sale Price by Application (2018-2023)

### **3 GLOBAL POLYMORPHIC NCM TERNARY PRECURSOR BY COMPANY**

3.1 Global Polymorphic NCM Ternary Precursor Breakdown Data by Company

3.1.1 Global Polymorphic NCM Ternary Precursor Annual Sales by Company (2018-2023)

3.1.2 Global Polymorphic NCM Ternary Precursor Sales Market Share by Company (2018-2023)

3.2 Global Polymorphic NCM Ternary Precursor Annual Revenue by Company (2018-2023)

3.2.1 Global Polymorphic NCM Ternary Precursor Revenue by Company (2018-2023)

3.2.2 Global Polymorphic NCM Ternary Precursor Revenue Market Share by Company (2018-2023)

3.3 Global Polymorphic NCM Ternary Precursor Sale Price by Company

3.4 Key Manufacturers Polymorphic NCM Ternary Precursor Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Polymorphic NCM Ternary Precursor Product Location Distribution

3.4.2 Players Polymorphic NCM Ternary Precursor Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR POLYMORPHIC NCM TERNARY PRECURSOR BY GEOGRAPHIC REGION**

4.1 World Historic Polymorphic NCM Ternary Precursor Market Size by Geographic Region (2018-2023)

4.1.1 Global Polymorphic NCM Ternary Precursor Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Polymorphic NCM Ternary Precursor Annual Revenue by Geographic Region (2018-2023)



## 4.2 World Historic Polymorphic NCM Ternary Precursor Market Size by Country/Region (2018-2023)

### 4.2.1 Global Polymorphic NCM Ternary Precursor Annual Sales by Country/Region (2018-2023)

### 4.2.2 Global Polymorphic NCM Ternary Precursor Annual Revenue by Country/Region (2018-2023)

## 4.3 Americas Polymorphic NCM Ternary Precursor Sales Growth

## 4.4 APAC Polymorphic NCM Ternary Precursor Sales Growth

## 4.5 Europe Polymorphic NCM Ternary Precursor Sales Growth

## 4.6 Middle East & Africa Polymorphic NCM Ternary Precursor Sales Growth

# 5 AMERICAS

## 5.1 Americas Polymorphic NCM Ternary Precursor Sales by Country

### 5.1.1 Americas Polymorphic NCM Ternary Precursor Sales by Country (2018-2023)

### 5.1.2 Americas Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023)

## 5.2 Americas Polymorphic NCM Ternary Precursor Sales by Type

## 5.3 Americas Polymorphic NCM Ternary Precursor Sales by Application

## 5.4 United States

## 5.5 Canada

## 5.6 Mexico

## 5.7 Brazil

# 6 APAC

## 6.1 APAC Polymorphic NCM Ternary Precursor Sales by Region

### 6.1.1 APAC Polymorphic NCM Ternary Precursor Sales by Region (2018-2023)

### 6.1.2 APAC Polymorphic NCM Ternary Precursor Revenue by Region (2018-2023)

## 6.2 APAC Polymorphic NCM Ternary Precursor Sales by Type

## 6.3 APAC Polymorphic NCM Ternary Precursor Sales by Application

## 6.4 China

## 6.5 Japan

## 6.6 South Korea

## 6.7 Southeast Asia

## 6.8 India

## 6.9 Australia

## 6.10 China Taiwan

## **7 EUROPE**

### 7.1 Europe Polymorphic NCM Ternary Precursor by Country

7.1.1 Europe Polymorphic NCM Ternary Precursor Sales by Country (2018-2023)

7.1.2 Europe Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023)

### 7.2 Europe Polymorphic NCM Ternary Precursor Sales by Type

### 7.3 Europe Polymorphic NCM Ternary Precursor Sales by Application

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

### 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa Polymorphic NCM Ternary Precursor by Country

8.1.1 Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Country (2018-2023)

8.1.2 Middle East & Africa Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023)

### 8.2 Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Type

### 8.3 Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Application

### 8.4 Egypt

### 8.5 South Africa

### 8.6 Israel

### 8.7 Turkey

### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of Polymorphic NCM Ternary Precursor

### 10.3 Manufacturing Process Analysis of Polymorphic NCM Ternary Precursor

## 10.4 Industry Chain Structure of Polymorphic NCM Ternary Precursor

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Polymorphic NCM Ternary Precursor Distributors

### 11.3 Polymorphic NCM Ternary Precursor Customer

## **12 WORLD FORECAST REVIEW FOR POLYMORPHIC NCM TERNARY PRECURSOR BY GEOGRAPHIC REGION**

### 12.1 Global Polymorphic NCM Ternary Precursor Market Size Forecast by Region

#### 12.1.1 Global Polymorphic NCM Ternary Precursor Forecast by Region (2024-2029)

#### 12.1.2 Global Polymorphic NCM Ternary Precursor Annual Revenue Forecast by Region (2024-2029)

### 12.2 Americas Forecast by Country

### 12.3 APAC Forecast by Region

### 12.4 Europe Forecast by Country

### 12.5 Middle East & Africa Forecast by Country

### 12.6 Global Polymorphic NCM Ternary Precursor Forecast by Type

### 12.7 Global Polymorphic NCM Ternary Precursor Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Zhejiang Power New Energy Co., Ltd.

#### 13.1.1 Zhejiang Power New Energy Co., Ltd. Company Information

#### 13.1.2 Zhejiang Power New Energy Co., Ltd. Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

#### 13.1.3 Zhejiang Power New Energy Co., Ltd. Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.1.4 Zhejiang Power New Energy Co., Ltd. Main Business Overview

#### 13.1.5 Zhejiang Power New Energy Co., Ltd. Latest Developments

### 13.2 GEM Co., Ltd

#### 13.2.1 GEM Co., Ltd Company Information

#### 13.2.2 GEM Co., Ltd Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

#### 13.2.3 GEM Co., Ltd Polymorphic NCM Ternary Precursor Sales, Revenue, Price and

## Gross Margin (2018-2023)

13.2.4 GEM Co., Ltd Main Business Overview

13.2.5 GEM Co., Ltd Latest Developments

## 13.3 Umicore

13.3.1 Umicore Company Information

13.3.2 Umicore Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.3.3 Umicore Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Umicore Main Business Overview

13.3.5 Umicore Latest Developments

## 13.4 Greatpower Technology Co

13.4.1 Greatpower Technology Co Company Information

13.4.2 Greatpower Technology Co Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.4.3 Greatpower Technology Co Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Greatpower Technology Co Main Business Overview

13.4.5 Greatpower Technology Co Latest Developments

## 13.5 BRUNP RECYCLING

13.5.1 BRUNP RECYCLING Company Information

13.5.2 BRUNP RECYCLING Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.5.3 BRUNP RECYCLING Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 BRUNP RECYCLING Main Business Overview

13.5.5 BRUNP RECYCLING Latest Developments

## 13.6 CNGR Corporation

13.6.1 CNGR Corporation Company Information

13.6.2 CNGR Corporation Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.6.3 CNGR Corporation Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 CNGR Corporation Main Business Overview

13.6.5 CNGR Corporation Latest Developments

## 13.7 RONBAY TECHNOLOGY

13.7.1 RONBAY TECHNOLOGY Company Information

13.7.2 RONBAY TECHNOLOGY Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.7.3 RONBAY TECHNOLOGY Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 RONBAY TECHNOLOGY Main Business Overview

13.7.5 RONBAY TECHNOLOGY Latest Developments

13.8 Hunan Changyuan Lico

13.8.1 Hunan Changyuan Lico Company Information

13.8.2 Hunan Changyuan Lico Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.8.3 Hunan Changyuan Lico Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 Hunan Changyuan Lico Main Business Overview

13.8.5 Hunan Changyuan Lico Latest Developments

13.9 GanfengLithium

13.9.1 GanfengLithium Company Information

13.9.2 GanfengLithium Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.9.3 GanfengLithium Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 GanfengLithium Main Business Overview

13.9.5 GanfengLithium Latest Developments

13.10 Zhejiang Huayou Cobalt

13.10.1 Zhejiang Huayou Cobalt Company Information

13.10.2 Zhejiang Huayou Cobalt Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.10.3 Zhejiang Huayou Cobalt Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Zhejiang Huayou Cobalt Main Business Overview

13.10.5 Zhejiang Huayou Cobalt Latest Developments

13.11 JIANA ENERGY

13.11.1 JIANA ENERGY Company Information

13.11.2 JIANA ENERGY Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

13.11.3 JIANA ENERGY Polymorphic NCM Ternary Precursor Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 JIANA ENERGY Main Business Overview

13.11.5 JIANA ENERGY Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Polymorphic NCM Ternary Precursor Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Polymorphic NCM Ternary Precursor Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of NCM433

Table 4. Major Players of NCM532

Table 5. Major Players of NCM622

Table 6. Major Players of NCM721

Table 7. Global Polymorphic NCM Ternary Precursor Sales by Type (2018-2023) & (Tons)

Table 8. Global Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)

Table 9. Global Polymorphic NCM Ternary Precursor Revenue by Type (2018-2023) & (\$ million)

Table 10. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Type (2018-2023)

Table 11. Global Polymorphic NCM Ternary Precursor Sale Price by Type (2018-2023) & (US\$/Ton)

Table 12. Global Polymorphic NCM Ternary Precursor Sales by Application (2018-2023) & (Tons)

Table 13. Global Polymorphic NCM Ternary Precursor Sales Market Share by Application (2018-2023)

Table 14. Global Polymorphic NCM Ternary Precursor Revenue by Application (2018-2023)

Table 15. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Application (2018-2023)

Table 16. Global Polymorphic NCM Ternary Precursor Sale Price by Application (2018-2023) & (US\$/Ton)

Table 17. Global Polymorphic NCM Ternary Precursor Sales by Company (2018-2023) & (Tons)

Table 18. Global Polymorphic NCM Ternary Precursor Sales Market Share by Company (2018-2023)

Table 19. Global Polymorphic NCM Ternary Precursor Revenue by Company (2018-2023) (\$ Millions)

Table 20. Global Polymorphic NCM Ternary Precursor Revenue Market Share by



Company (2018-2023)

Table 21. Global Polymorphic NCM Ternary Precursor Sale Price by Company (2018-2023) & (US\$/Ton)

Table 22. Key Manufacturers Polymorphic NCM Ternary Precursor Producing Area Distribution and Sales Area

Table 23. Players Polymorphic NCM Ternary Precursor Products Offered

Table 24. Polymorphic NCM Ternary Precursor Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Polymorphic NCM Ternary Precursor Sales by Geographic Region (2018-2023) & (Tons)

Table 28. Global Polymorphic NCM Ternary Precursor Sales Market Share Geographic Region (2018-2023)

Table 29. Global Polymorphic NCM Ternary Precursor Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Polymorphic NCM Ternary Precursor Sales by Country/Region (2018-2023) & (Tons)

Table 32. Global Polymorphic NCM Ternary Precursor Sales Market Share by Country/Region (2018-2023)

Table 33. Global Polymorphic NCM Ternary Precursor Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Polymorphic NCM Ternary Precursor Sales by Country (2018-2023) & (Tons)

Table 36. Americas Polymorphic NCM Ternary Precursor Sales Market Share by Country (2018-2023)

Table 37. Americas Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Polymorphic NCM Ternary Precursor Revenue Market Share by Country (2018-2023)

Table 39. Americas Polymorphic NCM Ternary Precursor Sales by Type (2018-2023) & (Tons)

Table 40. Americas Polymorphic NCM Ternary Precursor Sales by Application (2018-2023) & (Tons)

Table 41. APAC Polymorphic NCM Ternary Precursor Sales by Region (2018-2023) &

(Tons)

Table 42. APAC Polymorphic NCM Ternary Precursor Sales Market Share by Region (2018-2023)

Table 43. APAC Polymorphic NCM Ternary Precursor Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Polymorphic NCM Ternary Precursor Revenue Market Share by Region (2018-2023)

Table 45. APAC Polymorphic NCM Ternary Precursor Sales by Type (2018-2023) & (Tons)

Table 46. APAC Polymorphic NCM Ternary Precursor Sales by Application (2018-2023) & (Tons)

Table 47. Europe Polymorphic NCM Ternary Precursor Sales by Country (2018-2023) & (Tons)

Table 48. Europe Polymorphic NCM Ternary Precursor Sales Market Share by Country (2018-2023)

Table 49. Europe Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Polymorphic NCM Ternary Precursor Revenue Market Share by Country (2018-2023)

Table 51. Europe Polymorphic NCM Ternary Precursor Sales by Type (2018-2023) & (Tons)

Table 52. Europe Polymorphic NCM Ternary Precursor Sales by Application (2018-2023) & (Tons)

Table 53. Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Country (2018-2023) & (Tons)

Table 54. Middle East & Africa Polymorphic NCM Ternary Precursor Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Polymorphic NCM Ternary Precursor Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Polymorphic NCM Ternary Precursor Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Type (2018-2023) & (Tons)

Table 58. Middle East & Africa Polymorphic NCM Ternary Precursor Sales by Application (2018-2023) & (Tons)

Table 59. Key Market Drivers & Growth Opportunities of Polymorphic NCM Ternary Precursor

Table 60. Key Market Challenges & Risks of Polymorphic NCM Ternary Precursor

Table 61. Key Industry Trends of Polymorphic NCM Ternary Precursor



- Table 62. Polymorphic NCM Ternary Precursor Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Polymorphic NCM Ternary Precursor Distributors List
- Table 65. Polymorphic NCM Ternary Precursor Customer List
- Table 66. Global Polymorphic NCM Ternary Precursor Sales Forecast by Region (2024-2029) & (Tons)
- Table 67. Global Polymorphic NCM Ternary Precursor Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 68. Americas Polymorphic NCM Ternary Precursor Sales Forecast by Country (2024-2029) & (Tons)
- Table 69. Americas Polymorphic NCM Ternary Precursor Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 70. APAC Polymorphic NCM Ternary Precursor Sales Forecast by Region (2024-2029) & (Tons)
- Table 71. APAC Polymorphic NCM Ternary Precursor Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 72. Europe Polymorphic NCM Ternary Precursor Sales Forecast by Country (2024-2029) & (Tons)
- Table 73. Europe Polymorphic NCM Ternary Precursor Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Middle East & Africa Polymorphic NCM Ternary Precursor Sales Forecast by Country (2024-2029) & (Tons)
- Table 75. Middle East & Africa Polymorphic NCM Ternary Precursor Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 76. Global Polymorphic NCM Ternary Precursor Sales Forecast by Type (2024-2029) & (Tons)
- Table 77. Global Polymorphic NCM Ternary Precursor Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 78. Global Polymorphic NCM Ternary Precursor Sales Forecast by Application (2024-2029) & (Tons)
- Table 79. Global Polymorphic NCM Ternary Precursor Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 80. Zhejiang Power New Energy Co., Ltd. Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 81. Zhejiang Power New Energy Co., Ltd. Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 82. Zhejiang Power New Energy Co., Ltd. Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 83. Zhejiang Power New Energy Co., Ltd. Main Business

Table 84. Zhejiang Power New Energy Co., Ltd. Latest Developments

Table 85. GEM Co., Ltd Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors

Table 86. GEM Co., Ltd Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

Table 87. GEM Co., Ltd Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 88. GEM Co., Ltd Main Business

Table 89. GEM Co., Ltd Latest Developments

Table 90. Umicore Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors

Table 91. Umicore Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

Table 92. Umicore Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 93. Umicore Main Business

Table 94. Umicore Latest Developments

Table 95. Greatpower Technology Co Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors

Table 96. Greatpower Technology Co Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

Table 97. Greatpower Technology Co Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 98. Greatpower Technology Co Main Business

Table 99. Greatpower Technology Co Latest Developments

Table 100. BRUNP RECYCLING Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors

Table 101. BRUNP RECYCLING Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

Table 102. BRUNP RECYCLING Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 103. BRUNP RECYCLING Main Business

Table 104. BRUNP RECYCLING Latest Developments

Table 105. CNGR Corporation Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors

Table 106. CNGR Corporation Polymorphic NCM Ternary Precursor Product Portfolios and Specifications

Table 107. CNGR Corporation Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

- Table 108. CNGR Corporation Main Business
- Table 109. CNGR Corporation Latest Developments
- Table 110. RONBAY TECHNOLOGY Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 111. RONBAY TECHNOLOGY Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 112. RONBAY TECHNOLOGY Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 113. RONBAY TECHNOLOGY Main Business
- Table 114. RONBAY TECHNOLOGY Latest Developments
- Table 115. Hunan Changyuan Lico Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 116. Hunan Changyuan Lico Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 117. Hunan Changyuan Lico Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 118. Hunan Changyuan Lico Main Business
- Table 119. Hunan Changyuan Lico Latest Developments
- Table 120. GanfengLithium Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 121. GanfengLithium Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 122. GanfengLithium Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 123. GanfengLithium Main Business
- Table 124. GanfengLithium Latest Developments
- Table 125. Zhejiang Huayou Cobalt Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 126. Zhejiang Huayou Cobalt Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 127. Zhejiang Huayou Cobalt Polymorphic NCM Ternary Precursor Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 128. Zhejiang Huayou Cobalt Main Business
- Table 129. Zhejiang Huayou Cobalt Latest Developments
- Table 130. JIANA ENERGY Basic Information, Polymorphic NCM Ternary Precursor Manufacturing Base, Sales Area and Its Competitors
- Table 131. JIANA ENERGY Polymorphic NCM Ternary Precursor Product Portfolios and Specifications
- Table 132. JIANA ENERGY Polymorphic NCM Ternary Precursor Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 133. JIANA ENERGY Main Business

Table 134. JIANA ENERGY Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Polymorphic NCM Ternary Precursor

Figure 2. Polymorphic NCM Ternary Precursor Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Polymorphic NCM Ternary Precursor Sales Growth Rate 2018-2029 (Tons)

Figure 7. Global Polymorphic NCM Ternary Precursor Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Polymorphic NCM Ternary Precursor Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of NCM433

Figure 10. Product Picture of NCM532

Figure 11. Product Picture of NCM622

Figure 12. Product Picture of NCM721

Figure 13. Global Polymorphic NCM Ternary Precursor Sales Market Share by Type in 2022

Figure 14. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Type (2018-2023)

Figure 15. Polymorphic NCM Ternary Precursor Consumed in Automobile Industry

Figure 16. Global Polymorphic NCM Ternary Precursor Market: Automobile Industry (2018-2023) & (Tons)

Figure 17. Polymorphic NCM Ternary Precursor Consumed in Consumer Electronics Industry

Figure 18. Global Polymorphic NCM Ternary Precursor Market: Consumer Electronics Industry (2018-2023) & (Tons)

Figure 19. Polymorphic NCM Ternary Precursor Consumed in Energy Storage Industry

Figure 20. Global Polymorphic NCM Ternary Precursor Market: Energy Storage Industry (2018-2023) & (Tons)

Figure 21. Polymorphic NCM Ternary Precursor Consumed in Others

Figure 22. Global Polymorphic NCM Ternary Precursor Market: Others (2018-2023) & (Tons)

Figure 23. Global Polymorphic NCM Ternary Precursor Sales Market Share by Application (2022)

Figure 24. Global Polymorphic NCM Ternary Precursor Revenue Market Share by

Application in 2022

Figure 25. Polymorphic NCM Ternary Precursor Sales Market by Company in 2022 (Tons)

Figure 26. Global Polymorphic NCM Ternary Precursor Sales Market Share by Company in 2022

Figure 27. Polymorphic NCM Ternary Precursor Revenue Market by Company in 2022 (\$ Million)

Figure 28. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Company in 2022

Figure 29. Global Polymorphic NCM Ternary Precursor Sales Market Share by Geographic Region (2018-2023)

Figure 30. Global Polymorphic NCM Ternary Precursor Revenue Market Share by Geographic Region in 2022

Figure 31. Americas Polymorphic NCM Ternary Precursor Sales 2018-2023 (Tons)

Figure 32. Americas Polymorphic NCM Ternary Precursor Revenue 2018-2023 (\$ Millions)

Figure 33. APAC Polymorphic NCM Ternary Precursor Sales 2018-2023 (Tons)

Figure 34. APAC Polymorphic NCM Ternary Precursor Revenue 2018-2023 (\$ Millions)

Figure 35. Europe Polymorphic NCM Ternary Precursor Sales 2018-2023 (Tons)

Figure 36. Europe Polymorphic NCM Ternary Precursor Revenue 2018-2023 (\$ Millions)

Figure 37. Middle East & Africa Polymorphic NCM Ternary Precursor Sales 2018-2023 (Tons)

Figure 38. Middle East & Africa Polymorphic NCM Ternary Precursor Revenue 2018-2023 (\$ Millions)

Figure 39. Americas Polymorphic NCM Ternary Precursor Sales Market Share by Country in 2022

Figure 40. Americas Polymorphic NCM Ternary Precursor Revenue Market Share by Country in 2022

Figure 41. Americas Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)

Figure 42. Americas Polymorphic NCM Ternary Precursor Sales Market Share by Application (2018-2023)

Figure 43. United States Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Canada Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Mexico Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)



Figure 46. Brazil Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 47. APAC Polymorphic NCM Ternary Precursor Sales Market Share by Region in 2022

Figure 48. APAC Polymorphic NCM Ternary Precursor Revenue Market Share by Regions in 2022

Figure 49. APAC Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)

Figure 50. APAC Polymorphic NCM Ternary Precursor Sales Market Share by Application (2018-2023)

Figure 51. China Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Japan Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 53. South Korea Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Southeast Asia Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 55. India Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Australia Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 57. China Taiwan Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 58. Europe Polymorphic NCM Ternary Precursor Sales Market Share by Country in 2022

Figure 59. Europe Polymorphic NCM Ternary Precursor Revenue Market Share by Country in 2022

Figure 60. Europe Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)

Figure 61. Europe Polymorphic NCM Ternary Precursor Sales Market Share by Application (2018-2023)

Figure 62. Germany Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 63. France Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 64. UK Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Italy Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$

Millions)

Figure 66. Russia Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Middle East & Africa Polymorphic NCM Ternary Precursor Sales Market Share by Country in 2022

Figure 68. Middle East & Africa Polymorphic NCM Ternary Precursor Revenue Market Share by Country in 2022

Figure 69. Middle East & Africa Polymorphic NCM Ternary Precursor Sales Market Share by Type (2018-2023)

Figure 70. Middle East & Africa Polymorphic NCM Ternary Precursor Sales Market Share by Application (2018-2023)

Figure 71. Egypt Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 72. South Africa Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Israel Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Turkey Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 75. GCC Country Polymorphic NCM Ternary Precursor Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Polymorphic NCM Ternary Precursor in 2022

Figure 77. Manufacturing Process Analysis of Polymorphic NCM Ternary Precursor

Figure 78. Industry Chain Structure of Polymorphic NCM Ternary Precursor

Figure 79. Channels of Distribution

Figure 80. Global Polymorphic NCM Ternary Precursor Sales Market Forecast by Region (2024-2029)

Figure 81. Global Polymorphic NCM Ternary Precursor Revenue Market Share Forecast by Region (2024-2029)

Figure 82. Global Polymorphic NCM Ternary Precursor Sales Market Share Forecast by Type (2024-2029)

Figure 83. Global Polymorphic NCM Ternary Precursor Revenue Market Share Forecast by Type (2024-2029)

Figure 84. Global Polymorphic NCM Ternary Precursor Sales Market Share Forecast by Application (2024-2029)

Figure 85. Global Polymorphic NCM Ternary Precursor Revenue Market Share Forecast by Application (2024-2029)



## I would like to order

Product name: Global Polymorphic NCM Ternary Precursor Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G4CEAB97BEFFEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4CEAB97BEFFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970