

Global Ternary Cathode Materials (NCA, NCM) Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/G9711E79554GEN.html>

Date: June 2022

Pages: 96

Price: US\$ 3,132.00 (Single User License)

ID: G9711E79554GEN

Abstracts

The Ternary Cathode Materials (NCA, NCM) market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global Ternary Cathode Materials (NCA, NCM) market size is estimated to be worth US\$ million in 2021 and is forecast to a readjusted size of USD million by 2028 with a CAGR of % during review period. Batteries Industry accounting for % of the Ternary Cathode Materials (NCA, NCM) global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While Nickel-Cobalt-Manganese Ternary Cathode Material (NCM) segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of Ternary Cathode Materials (NCA, NCM) include Umicore, L&F, BASF, Sumitomo Metal Mine, and Hnan Shanshan Advanced Material, etc. In terms of revenue, the global top four players hold a share over % in 2021.

Market segmentation

Ternary Cathode Materials (NCA, NCM) market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales 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, covers

Nickel-Cobalt-Manganese Ternary Cathode Material (NCM)

Nickel-Cobalt-Aluminum Ternary Cathode Material (NCA)

Market segment by Application can be divided into

Batteries Industry

Electronics Industry

Chemical Industry

Others

The key market players for global Ternary Cathode Materials (NCA, NCM) market are listed below:

Umicore

L&F

BASF

Sumitomo Metal Mine

Hnan Shanshan Advanced Material

Beijing Easpring Material Technolog

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 Ternary Cathode Materials (NCA, NCM) product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Ternary Cathode Materials (NCA, NCM), with price, sales, revenue and global market share of Ternary Cathode Materials (NCA, NCM) from 2019 to 2022.

Chapter 3, the Ternary Cathode Materials (NCA, NCM) competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ternary Cathode Materials (NCA, NCM) breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022. and Ternary Cathode Materials (NCA, NCM) market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of Ternary Cathode Materials (NCA, NCM).

Chapter 13, 14, and 15, to describe Ternary Cathode Materials (NCA, NCM) sales channel, distributors, customers, research findings and conclusion, appendix and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Ternary Cathode Materials (NCA, NCM) Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Overview: Global Ternary Cathode Materials (NCA, NCM) Revenue by Type: 2017 Versus 2021 Versus 2028
 - 1.2.2 Nickel-Cobalt-Manganese Ternary Cathode Material (NCM)
 - 1.2.3 Nickel-Cobalt-Aluminum Ternary Cathode Material (NCA)
- 1.3 Market Analysis by Application
 - 1.3.1 Overview: Global Ternary Cathode Materials (NCA, NCM) Revenue by Application: 2017 Versus 2021 Versus 2028
 - 1.3.2 Batteries Industry
 - 1.3.3 Electronics Industry
 - 1.3.4 Chemical Industry
 - 1.3.5 Others
- 1.4 Global Ternary Cathode Materials (NCA, NCM) Market Size & Forecast
 - 1.4.1 Global Ternary Cathode Materials (NCA, NCM) Sales in Value (2017 & 2021 & 2028)
 - 1.4.2 Global Ternary Cathode Materials (NCA, NCM) Sales in Volume (2017-2028)
 - 1.4.3 Global Ternary Cathode Materials (NCA, NCM) Price (2017-2028)
- 1.5 Global Ternary Cathode Materials (NCA, NCM) Production Capacity Analysis
 - 1.5.1 Global Ternary Cathode Materials (NCA, NCM) Total Production Capacity (2017-2028)
 - 1.5.2 Global Ternary Cathode Materials (NCA, NCM) Production Capacity by Geographic Region
- 1.6 Market Drivers, Restraints and Trends
 - 1.6.1 Ternary Cathode Materials (NCA, NCM) Market Drivers
 - 1.6.2 Ternary Cathode Materials (NCA, NCM) Market Restraints
 - 1.6.3 Ternary Cathode Materials (NCA, NCM) Trends Analysis

2 MANUFACTURERS PROFILES

- 2.1 Umicore
 - 2.1.1 Umicore Details
 - 2.1.2 Umicore Major Business
 - 2.1.3 Umicore Ternary Cathode Materials (NCA, NCM) Product and Services
 - 2.1.4 Umicore Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross

Margin and Market Share (2019, 2020, 2021, and 2022)

2.2 L&F

2.2.1 L&F Details

2.2.2 L&F Major Business

2.2.3 L&F Ternary Cathode Materials (NCA, NCM) Product and Services

2.2.4 L&F Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross

Margin and Market Share (2019, 2020, 2021, and 2022)

2.3 BASF

2.3.1 BASF Details

2.3.2 BASF Major Business

2.3.3 BASF Ternary Cathode Materials (NCA, NCM) Product and Services

2.3.4 BASF Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross

Margin and Market Share (2019, 2020, 2021, and 2022)

2.4 Sumitomo Metal Mine

2.4.1 Sumitomo Metal Mine Details

2.4.2 Sumitomo Metal Mine Major Business

2.4.3 Sumitomo Metal Mine Ternary Cathode Materials (NCA, NCM) Product and Services

2.4.4 Sumitomo Metal Mine Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.5 Hnan Shanshan Advanced Material

2.5.1 Hnan Shanshan Advanced Material Details

2.5.2 Hnan Shanshan Advanced Material Major Business

2.5.3 Hnan Shanshan Advanced Material Ternary Cathode Materials (NCA, NCM) Product and Services

2.5.4 Hnan Shanshan Advanced Material Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.6 Beijing Easpring Material Technolog

2.6.1 Beijing Easpring Material Technolog Details

2.6.2 Beijing Easpring Material Technolog Major Business

2.6.3 Beijing Easpring Material Technolog Ternary Cathode Materials (NCA, NCM) Product and Services

2.6.4 Beijing Easpring Material Technolog Ternary Cathode Materials (NCA, NCM) Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

3 TERNARY CATHODE MATERIALS (NCA, NCM) BREAKDOWN DATA BY MANUFACTURER

3.1 Global Ternary Cathode Materials (NCA, NCM) Sales in Volume by Manufacturer

Global Ternary Cathode Materials (NCA, NCM) Market 2022 by Manufacturers, Regions, Type and Application, Forec...

(2019, 2020, 2021, and 2022)

3.2 Global Ternary Cathode Materials (NCA, NCM) Revenue by Manufacturer (2019, 2020, 2021, and 2022)

3.3 Key Manufacturer Market Position in Ternary Cathode Materials (NCA, NCM)

3.4 Market Concentration Rate

3.4.1 Top 3 Ternary Cathode Materials (NCA, NCM) Manufacturer Market Share in 2021

3.4.2 Top 6 Ternary Cathode Materials (NCA, NCM) Manufacturer Market Share in 2021

3.5 Global Ternary Cathode Materials (NCA, NCM) Production Capacity by Company: 2021 VS 2022

3.6 Manufacturer by Geography: Head Office and Ternary Cathode Materials (NCA, NCM) Production Site

3.7 New Entrant and Capacity Expansion Plans

3.8 Mergers & Acquisitions

4 MARKET ANALYSIS BY REGION

4.1 Global Ternary Cathode Materials (NCA, NCM) Market Size by Region

4.1.1 Global Ternary Cathode Materials (NCA, NCM) Sales in Volume by Region (2017-2028)

4.1.2 Global Ternary Cathode Materials (NCA, NCM) Revenue by Region (2017-2028)

4.2 North America Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028)

4.3 Europe Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028)

4.4 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028)

4.5 South America Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028)

4.6 Middle East and Africa Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028)

5 MARKET SEGMENT BY TYPE

5.1 Global Ternary Cathode Materials (NCA, NCM) Sales in Volume by Type (2017-2028)

5.2 Global Ternary Cathode Materials (NCA, NCM) Revenue by Type (2017-2028)

5.3 Global Ternary Cathode Materials (NCA, NCM) Price by Type (2017-2028)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Ternary Cathode Materials (NCA, NCM) Sales in Volume by Application

(2017-2028)

6.2 Global Ternary Cathode Materials (NCA, NCM) Revenue by Application

(2017-2028)

6.3 Global Ternary Cathode Materials (NCA, NCM) Price by Application (2017-2028)

7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION

7.1 North America Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2028)

7.2 North America Ternary Cathode Materials (NCA, NCM) Sales by Application

(2017-2028)

7.3 North America Ternary Cathode Materials (NCA, NCM) Market Size by Country

7.3.1 North America Ternary Cathode Materials (NCA, NCM) Sales in Volume by Country (2017-2028)

7.3.2 North America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2028)

7.3.3 United States Market Size and Forecast (2017-2028)

7.3.4 Canada Market Size and Forecast (2017-2028)

7.3.5 Mexico Market Size and Forecast (2017-2028)

8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION

8.1 Europe Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2028)

8.2 Europe Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2028)

8.3 Europe Ternary Cathode Materials (NCA, NCM) Market Size by Country

8.3.1 Europe Ternary Cathode Materials (NCA, NCM) Sales in Volume by Country (2017-2028)

8.3.2 Europe Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2028)

8.3.3 Germany Market Size and Forecast (2017-2028)

8.3.4 France Market Size and Forecast (2017-2028)

8.3.5 United Kingdom Market Size and Forecast (2017-2028)

8.3.6 Russia Market Size and Forecast (2017-2028)

8.3.7 Italy Market Size and Forecast (2017-2028)

9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION

9.1 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2028)

9.2 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2028)

9.3 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Market Size by Region

9.3.1 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales in Volume by Region (2017-2028)

9.3.2 Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue by Region (2017-2028)

9.3.3 China Market Size and Forecast (2017-2028)

9.3.4 Japan Market Size and Forecast (2017-2028)

9.3.5 Korea Market Size and Forecast (2017-2028)

9.3.6 India Market Size and Forecast (2017-2028)

9.3.7 Southeast Asia Market Size and Forecast (2017-2028)

9.3.8 Australia Market Size and Forecast (2017-2028)

10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION

10.1 South America Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2028)

10.2 South America Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2028)

10.3 South America Ternary Cathode Materials (NCA, NCM) Market Size by Country

10.3.1 South America Ternary Cathode Materials (NCA, NCM) Sales in Volume by Country (2017-2028)

10.3.2 South America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2028)

10.3.3 Brazil Market Size and Forecast (2017-2028)

10.3.4 Argentina Market Size and Forecast (2017-2028)

11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION

11.1 Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2028)

11.2 Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2028)

11.3 Middle East & Africa Ternary Cathode Materials (NCA, NCM) Market Size by Country

11.3.1 Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales in Volume by Country (2017-2028)

11.3.2 Middle East & Africa Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2028)

11.3.3 Turkey Market Size and Forecast (2017-2028)

- 11.3.4 Egypt Market Size and Forecast (2017-2028)
- 11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)
- 11.3.6 South Africa Market Size and Forecast (2017-2028)

12 RAW MATERIAL AND INDUSTRY CHAIN

- 12.1 Raw Material of Ternary Cathode Materials (NCA, NCM) and Key Manufacturers
- 12.2 Manufacturing Costs Percentage of Ternary Cathode Materials (NCA, NCM)
- 12.3 Ternary Cathode Materials (NCA, NCM) Production Process
- 12.4 Ternary Cathode Materials (NCA, NCM) Industrial Chain

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
- 13.2 Ternary Cathode Materials (NCA, NCM) Typical Distributors
- 13.3 Ternary Cathode Materials (NCA, NCM) Typical Customers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Research Process and Data Source
- 15.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Ternary Cathode Materials (NCA, NCM) Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global Ternary Cathode Materials (NCA, NCM) Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. Umicore Basic Information, Manufacturing Base and Competitors

Table 4. Umicore Major Business

Table 5. Umicore Ternary Cathode Materials (NCA, NCM) Product and Services

Table 6. Umicore Ternary Cathode Materials (NCA, NCM) Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. L&F Basic Information, Manufacturing Base and Competitors

Table 8. L&F Major Business

Table 9. L&F Ternary Cathode Materials (NCA, NCM) Product and Services

Table 10. L&F Ternary Cathode Materials (NCA, NCM) Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. BASF Basic Information, Manufacturing Base and Competitors

Table 12. BASF Major Business

Table 13. BASF Ternary Cathode Materials (NCA, NCM) Product and Services

Table 14. BASF Ternary Cathode Materials (NCA, NCM) Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Sumitomo Metal Mine Basic Information, Manufacturing Base and Competitors

Table 16. Sumitomo Metal Mine Major Business

Table 17. Sumitomo Metal Mine Ternary Cathode Materials (NCA, NCM) Product and Services

Table 18. Sumitomo Metal Mine Ternary Cathode Materials (NCA, NCM) Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. Hnan Shanshan Advanced Material Basic Information, Manufacturing Base and Competitors

Table 20. Hnan Shanshan Advanced Material Major Business

Table 21. Hnan Shanshan Advanced Material Ternary Cathode Materials (NCA, NCM) Product and Services

Table 22. Hnan Shanshan Advanced Material Ternary Cathode Materials (NCA, NCM)

Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. Beijing Easpring Material Technolog Basic Information, Manufacturing Base and Competitors

Table 24. Beijing Easpring Material Technolog Major Business

Table 25. Beijing Easpring Material Technolog Ternary Cathode Materials (NCA, NCM) Product and Services

Table 26. Beijing Easpring Material Technolog Ternary Cathode Materials (NCA, NCM) Sales (K MT), Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. Global Ternary Cathode Materials (NCA, NCM) Sales by Manufacturer (2019, 2020, 2021, and 2022) & (K MT)

Table 28. Global Ternary Cathode Materials (NCA, NCM) Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 29. Market Position of Manufacturers in Ternary Cathode Materials (NCA, NCM), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 30. Global Ternary Cathode Materials (NCA, NCM) Production Capacity by Company, (K MT): 2020 VS 2021

Table 31. Head Office and Ternary Cathode Materials (NCA, NCM) Production Site of Key Manufacturer

Table 32. Ternary Cathode Materials (NCA, NCM) New Entrant and Capacity Expansion Plans

Table 33. Ternary Cathode Materials (NCA, NCM) Mergers & Acquisitions in the Past Five Years

Table 34. Global Ternary Cathode Materials (NCA, NCM) Sales by Region (2017-2022) & (K MT)

Table 35. Global Ternary Cathode Materials (NCA, NCM) Sales by Region (2023-2028) & (K MT)

Table 36. Global Ternary Cathode Materials (NCA, NCM) Revenue by Region (2017-2022) & (USD Million)

Table 37. Global Ternary Cathode Materials (NCA, NCM) Revenue by Region (2023-2028) & (USD Million)

Table 38. Global Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 39. Global Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 40. Global Ternary Cathode Materials (NCA, NCM) Revenue by Type (2017-2022) & (USD Million)

Table 41. Global Ternary Cathode Materials (NCA, NCM) Revenue by Type

(2023-2028) & (USD Million)

Table 42. Global Ternary Cathode Materials (NCA, NCM) Price by Type (2017-2022) & (USD/MT)

Table 43. Global Ternary Cathode Materials (NCA, NCM) Price by Type (2023-2028) & (USD/MT)

Table 44. Global Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2022) & (K MT)

Table 45. Global Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 46. Global Ternary Cathode Materials (NCA, NCM) Revenue by Application (2017-2022) & (USD Million)

Table 47. Global Ternary Cathode Materials (NCA, NCM) Revenue by Application (2023-2028) & (USD Million)

Table 48. Global Ternary Cathode Materials (NCA, NCM) Price by Application (2017-2022) & (USD/MT)

Table 49. Global Ternary Cathode Materials (NCA, NCM) Price by Application (2023-2028) & (USD/MT)

Table 50. North America Ternary Cathode Materials (NCA, NCM) Sales by Country (2017-2022) & (K MT)

Table 51. North America Ternary Cathode Materials (NCA, NCM) Sales by Country (2023-2028) & (K MT)

Table 52. North America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2022) & (USD Million)

Table 53. North America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2023-2028) & (USD Million)

Table 54. North America Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 55. North America Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 56. North America Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2022) & (K MT)

Table 57. North America Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 58. Europe Ternary Cathode Materials (NCA, NCM) Sales by Country (2017-2022) & (K MT)

Table 59. Europe Ternary Cathode Materials (NCA, NCM) Sales by Country (2023-2028) & (K MT)

Table 60. Europe Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2022) & (USD Million)

Table 61. Europe Ternary Cathode Materials (NCA, NCM) Revenue by Country (2023-2028) & (USD Million)

Table 62. Europe Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 63. Europe Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 64. Europe Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2022) & (K MT)

Table 65. Europe Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 66. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Region (2017-2022) & (K MT)

Table 67. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Region (2023-2028) & (K MT)

Table 68. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue by Region (2017-2022) & (USD Million)

Table 69. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue by Region (2023-2028) & (USD Million)

Table 70. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 71. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 72. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2022) & (K MT)

Table 73. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 74. South America Ternary Cathode Materials (NCA, NCM) Sales by Country (2017-2022) & (K MT)

Table 75. South America Ternary Cathode Materials (NCA, NCM) Sales by Country (2023-2028) & (K MT)

Table 76. South America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2017-2022) & (USD Million)

Table 77. South America Ternary Cathode Materials (NCA, NCM) Revenue by Country (2023-2028) & (USD Million)

Table 78. South America Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 79. South America Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 80. South America Ternary Cathode Materials (NCA, NCM) Sales by Application

(2017-2022) & (K MT)

Table 81. South America Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 82. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Region (2017-2022) & (K MT)

Table 83. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Region (2023-2028) & (K MT)

Table 84. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Revenue by Region (2017-2022) & (USD Million)

Table 85. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Revenue by Region (2023-2028) & (USD Million)

Table 86. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Type (2017-2022) & (K MT)

Table 87. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Type (2023-2028) & (K MT)

Table 88. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Application (2017-2022) & (K MT)

Table 89. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales by Application (2023-2028) & (K MT)

Table 90. Ternary Cathode Materials (NCA, NCM) Raw Material

Table 91. Key Manufacturers of Ternary Cathode Materials (NCA, NCM) Raw Materials

Table 92. Direct Channel Pros & Cons

Table 93. Indirect Channel Pros & Cons

Table 94. Ternary Cathode Materials (NCA, NCM) Typical Distributors

Table 95. Ternary Cathode Materials (NCA, NCM) Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Ternary Cathode Materials (NCA, NCM) Picture

Figure 2. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Type in 2021

Figure 3. Nickel-Cobalt-Manganese Ternary Cathode Material (NCM)

Figure 4. Nickel-Cobalt-Aluminum Ternary Cathode Material (NCA)

Figure 5. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Application in 2021

Figure 6. Batteries Industry

Figure 7. Electronics Industry

Figure 8. Chemical Industry

Figure 9. Others

Figure 10. Global Ternary Cathode Materials (NCA, NCM) Revenue, (USD Million) & (K MT): 2017 & 2021 & 2028

Figure 11. Global Ternary Cathode Materials (NCA, NCM) Revenue and Forecast (2017-2028) & (USD Million)

Figure 12. Global Ternary Cathode Materials (NCA, NCM) Sales (2017-2028) & (K MT)

Figure 13. Global Ternary Cathode Materials (NCA, NCM) Price (2017-2028) & (USD/MT)

Figure 14. Global Ternary Cathode Materials (NCA, NCM) Production Capacity (2017-2028) & (K MT)

Figure 15. Global Ternary Cathode Materials (NCA, NCM) Production Capacity by Geographic Region: 2022 VS 2028

Figure 16. Ternary Cathode Materials (NCA, NCM) Market Drivers

Figure 17. Ternary Cathode Materials (NCA, NCM) Market Restraints

Figure 18. Ternary Cathode Materials (NCA, NCM) Market Trends

Figure 19. Global Ternary Cathode Materials (NCA, NCM) Sales Market Share by Manufacturer in 2021

Figure 20. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Manufacturer in 2021

Figure 21. Ternary Cathode Materials (NCA, NCM) Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021

Figure 22. Top 3 Ternary Cathode Materials (NCA, NCM) Manufacturer (Revenue) Market Share in 2021

Figure 23. Top 6 Ternary Cathode Materials (NCA, NCM) Manufacturer (Revenue) Market Share in 2021

Figure 24. Global Ternary Cathode Materials (NCA, NCM) Sales Market Share by Region (2017-2028)

Figure 25. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Region (2017-2028)

Figure 26. North America Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028) & (USD Million)

Figure 27. Europe Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028) & (USD Million)

Figure 28. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028) & (USD Million)

Figure 29. South America Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028) & (USD Million)

Figure 30. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Revenue (2017-2028) & (USD Million)

Figure 31. Global Ternary Cathode Materials (NCA, NCM) Sales Market Share by Type (2017-2028)

Figure 32. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Type (2017-2028)

Figure 33. Global Ternary Cathode Materials (NCA, NCM) Price by Type (2017-2028) & (USD/MT)

Figure 34. Global Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 35. Global Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Application (2017-2028)

Figure 36. Global Ternary Cathode Materials (NCA, NCM) Price by Application (2017-2028) & (USD/MT)

Figure 37. North America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Type (2017-2028)

Figure 38. North America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 39. North America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Country (2017-2028)

Figure 40. North America Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Country (2017-2028)

Figure 41. United States Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 42. Canada Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 43. Mexico Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 44. Europe Ternary Cathode Materials (NCA, NCM) Sales Market Share by Type (2017-2028)

Figure 45. Europe Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 46. Europe Ternary Cathode Materials (NCA, NCM) Sales Market Share by Country (2017-2028)

Figure 47. Europe Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Country (2017-2028)

Figure 48. Germany Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 49. France Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 50. United Kingdom Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 51. Russia Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 52. Italy Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 53. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales Market Share by Region (2017-2028)

Figure 54. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 55. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Sales Market Share by Region (2017-2028)

Figure 56. Asia-Pacific Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Region (2017-2028)

Figure 57. China Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 58. Japan Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 59. Korea Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 60. India Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 61. Southeast Asia Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 62. Australia Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 63. South America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Type (2017-2028)

Figure 64. South America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 65. South America Ternary Cathode Materials (NCA, NCM) Sales Market Share by Country (2017-2028)

Figure 66. South America Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Country (2017-2028)

Figure 67. Brazil Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 68. Argentina Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 69. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales Market Share by Type (2017-2028)

Figure 70. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales Market Share by Application (2017-2028)

Figure 71. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Sales Market Share by Region (2017-2028)

Figure 72. Middle East & Africa Ternary Cathode Materials (NCA, NCM) Revenue Market Share by Region (2017-2028)

Figure 73. Turkey Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 74. Egypt Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 75. Saudi Arabia Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 76. South Africa Ternary Cathode Materials (NCA, NCM) Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 77. Manufacturing Cost Structure Analysis of Ternary Cathode Materials (NCA, NCM) in 2021

Figure 78. Manufacturing Process Analysis of Ternary Cathode Materials (NCA, NCM)

Figure 79. Ternary Cathode Materials (NCA, NCM) Industrial Chain

Figure 80. Sales Channel: Direct Channel vs Indirect Channel

Figure 81. Methodology

Figure 82. Research Process and Data Source

I would like to order

Product name: Global Ternary Cathode Materials (NCA, NCM) Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/G9711E79554GEN.html>

Price: US\$ 3,132.00 (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/G9711E79554GEN.html>