

# Global NCA Ternary Material Market Growth 2022-2028

<https://marketpublishers.com/r/G190A6286BA2EN.html>

Date: December 2022

Pages: 100

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

ID: G190A6286BA2EN

## Abstracts

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

The common ratio of nickel, cobalt and aluminum in nickel-cobalt-aluminum ternary materials is 8:1.5:0.5, and the content of aluminum is very small, so it can be understood as close to binary materials. Al (transition metal) instead of manganese for modification of lithium nickel, cobalt and manganic acid by ion doping and surface coating. Ion doping can enhance the stability of materials and improve the cycle performance of materials. However, in the production process, Al is an amphoteric metal and is not easy to precipitate, so there is a threshold in the production process of NCA materials.

The global market for NCA Ternary Material is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC NCA Ternary Material market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States NCA Ternary Material market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe NCA Ternary Material market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China NCA Ternary Material market is expected at value of US\$ million in 2022 and

grow at approximately % CAGR during 2022 and 2028.

Global key NCA Ternary Material players cover Sumitomo Metal, CNGR Advanced Material, GEM Co, Ningbo Ronbay New Energy and Ningbo Shanshan, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

### Report Coverage

This latest report provides a deep insight into the global NCA Ternary Material market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global NCA Ternary Material market, with both quantitative and qualitative data, to help readers understand how the NCA Ternary Material market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

### Market Segmentation:

The study segments the NCA Ternary Material market and forecasts the market size by Type (Particle Size

## 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

### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global NCA Ternary Material Annual Sales 2017-2028
  - 2.1.2 World Current & Future Analysis for NCA Ternary Material by Geographic Region, 2017, 2022 & 2028
  - 2.1.3 World Current & Future Analysis for NCA Ternary Material by Country/Region, 2017, 2022 & 2028
- 2.2 NCA Ternary Material Segment by Type
  - 2.2.1 Particle Size

## List Of Tables

### LIST OF TABLES

Table 1. NCA Ternary Material Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)

Table 2. NCA Ternary Material Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)

Table 3. Major Players of Particle Size

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of NCA Ternary Material

Figure 2. NCA Ternary Material Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global NCA Ternary Material Sales Growth Rate 2017-2028 (Tons)

Figure 7. Global NCA Ternary Material Revenue Growth Rate 2017-2028 (\$ Millions)

Figure 8. NCA Ternary Material Sales by Region (2021 & 2028) & (\$ millions)

Figure 9. Product Picture of Particle Size

## I would like to order

Product name: Global NCA Ternary Material Market Growth 2022-2028

Product link: <https://marketpublishers.com/r/G190A6286BA2EN.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/G190A6286BA2EN.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