

Global NCM and NCA Precursor Material Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global NCM and NCA Precursor Material market size is expected to reach \$ 37682 million by 2032, rising at a market growth of 6.9% CAGR during the forecast period (2026-2032).

NCM and NCA precursor materials are key intermediates used to prepare positive electrode materials for lithium-ion batteries. Typically, uniform metal hydroxide or carbonate particles are formed through processes such as co precipitation, and then reacted with lithium sources at high temperatures to produce the final positive electrode material; The NCM precursor is a nickel cobalt manganese ternary system (such as NCM523 622 811) that balances energy density and safety, while the NCA precursor is a nickel cobalt aluminum system with higher nickel content and energy density, but requires higher process control and stability. These precursors have extremely high requirements for material purity, particle size distribution, morphology consistency, and element ratio control, and are the core basic materials that determine battery performance. In 2025, global NCM and NCA Precursor Material production reached approximately 1,382 K MT, with an average global market price of around US\$ 16.38 per kg.

The NCM and NCA precursor material markets are highly dependent on the development of the power battery industry, and overall exhibit characteristics of rapid expansion and technological upgrading. Driven by the continuous growth of demand for new energy vehicles, high nickel has become the mainstream trend, promoting NCM811 and higher nickel systems as well as NCA. The proportion of materials has increased, and at the same time, industry competition is gradually shifting from scale expansion to comprehensive competition of 'high nickel technology process cost control ability'. Top enterprises continue to expand their market share with the advantages of

raw material guarantee ability and consistency control. In addition, due to the fluctuation of upstream nickel cobalt resource prices, industry profits have periodic fluctuations. In the future, market growth will mainly be driven by the high endurance demand of new energy vehicles. At the same time, in the context of the evolution of solid-state battery and new positive electrode material technology, there is still uncertainty in the medium and long term of technological route substitution, but it is still the mainstream choice for high-energy density power batteries at the current stage.

This report studies the global NCM and NCA Precursor Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NCM and NCA Precursor Material and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of NCM and NCA Precursor Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NCM and NCA Precursor Material total production and demand, 2021-2032, (Kilotons)

Global NCM and NCA Precursor Material total production value, 2021-2032, (USD Million)

Global NCM and NCA Precursor Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global NCM and NCA Precursor Material consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: NCM and NCA Precursor Material domestic production, consumption, key domestic manufacturers and share

Global NCM and NCA Precursor Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global NCM and NCA Precursor Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global NCM and NCA Precursor Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global NCM and NCA Precursor Material market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include GEM, Umicore, CNGR Advanced

Material, Guangdong Brunp Recycling Technology, Tanaka Chemical Corporation, Henan Kelong New Energy, Huayou Cobalt, Sumitomo Metal Mining, Guangdong Fangyuan New Materials Group, Shanghai Greatpower Technology, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World NCM and NCA Precursor Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global NCM and NCA Precursor Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global NCM and NCA Precursor Material Market, Segmentation by Type:

NCM Precursor

NCA Precursor

Global NCM and NCA Precursor Material Market, Segmentation by Nickel Content:

Medium Nickel Precursor

High Nickel Precursor

Global NCM and NCA Precursor Material Market, Segmentation by Particle Size:

Small Particle Precursor

Medium Particle Precursor

Large Particle Precursor

Global NCM and NCA Precursor Material Market, Segmentation by Application:

New Energy Vehicle

Consumer Electronics

Energy Storage

Other

Companies Profiled:

GEM

Umicore

CNGR Advanced Material

Guangdong Brunp Recycling Technology

Tanaka Chemical Corporation

Henan Kelong New Energy

Huayou Cobalt

Sumitomo Metal Mining

Guangdong Fangyuan New Materials Group

Shanghai Greatpower Technology

Minmetals New Energy Materials

Ganfeng Lithium Group

Wuhu Jiana Energy Technology

Jinchuan Group

Zhejiang Power New Energy

Zhajiing Hitrans Lithium Battery Technology

Jiecheng New Energy Company

ECOPRO

Guizhou Zhenhua E-Chem

Key Questions Answered:

1. How big is the global NCM and NCA Precursor Material market?
2. What is the demand of the global NCM and NCA Precursor Material market?
3. What is the year over year growth of the global NCM and NCA Precursor Material market?

4. What is the production and production value of the global NCM and NCA Precursor Material market?
5. Who are the key producers in the global NCM and NCA Precursor Material market?
6. What are the growth factors driving the market demand?

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