

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

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Abstracts

The global Ternary Precursor Material market size is expected to reach \$ 40228 million by 2032, rising at a market growth of 8.1% CAGR during the forecast period (2026-2032).

Ternary precursor material refers to the key intermediate used to prepare ternary cathode materials, usually composed of nickel, cobalt, manganese or various transition metals such as nickel, cobalt, aluminum, etc., and made through wet processes such as co precipitation. Its form is mostly hydroxide or carbonate, and its core function is to provide a highly consistent composition ratio, controllable morphology and particle size of the base material before high-temperature sintering with lithium source, thereby determining the energy density, cycle life, safety and consistency level of the final ternary cathode material. In 2025, global Ternary Precursor Material production reached approximately 1,382 K MT, with an average global market price of around US\$ 16.38 per kg.

Ternary precursor materials are a link in the lithium-ion battery industry chain with high technological and capital barriers, and demand is highly correlated with the installation of new energy vehicles and high-end energy storage batteries. Overall, with the long-term growth trend of electrification, there are periodic fluctuations. The industry structure is accelerating towards high nickel, single crystal, and refined composition. The demand for high energy density is driving an increase in the proportion of high nickel and ultra-high nickel precursors, while the requirements for cycling stability and safety are driving manufacturers to continue investing in crystal structure, doping systems, and morphology control. At the same time, fluctuations in raw material prices and supply security have become core constraints, and enterprises with upstream resource integration capabilities, recycling system layout, and experience in large-scale stable

mass production have a competitive advantage. Overall, the ternary precursor market has entered a high-quality competition stage centered on technological maturity, product consistency, and comprehensive cost control, from the stage of simple expansion. The trend of top concentration will continue to strengthen.

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

This report is a detailed and comprehensive analysis of the world market for Ternary 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 Ternary Precursor Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

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

Global Ternary Precursor Material total production value, 2021-2032, (USD Million)

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

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

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

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

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

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

This report profiles key players in the global Ternary 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, Guangdong Fangyuan New Materials Group, Shanghai Greatpower Technology, Minmetals New Energy Materials, 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 Ternary 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 Ternary Precursor Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ternary Precursor Material Market, Segmentation by Type:

NCM Precursor

NCA Precursor

Global Ternary Precursor Material Market, Segmentation by Particle Size:

Low Nickel Precursor

High Nickel Precursor

Global Ternary 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

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

Key Questions Answered:

1. How big is the global Ternary Precursor Material market?
2. What is the demand of the global Ternary Precursor Material market?
3. What is the year over year growth of the global Ternary Precursor Material market?
4. What is the production and production value of the global Ternary Precursor Material market?
5. Who are the key producers in the global Ternary Precursor Material market?
6. What are the growth factors driving the market demand?

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