

Global Lithium-ion Batteries Ternary Precursor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GFFD8494AE19EN.html>

Date: February 2026

Pages: 149

Price: US\$ 4,480.00 (Single User License)

ID: GFFD8494AE19EN

Abstracts

The global Lithium-ion Batteries Ternary Precursor 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).

Lithium-ion Batteries Ternary Precursor refers to the intermediate material of multi metal compounds prepared by wet processes such as co precipitation, mainly composed of nickel, cobalt, manganese, or various transition metals such as nickel, cobalt, and aluminum. It is usually in the form of hydroxide or carbonate and is a key intermediate for preparing ternary positive electrode materials. Its quality directly determines the crystal structure, stoichiometric consistency, electrochemical performance, and batch stability of subsequent positive electrode materials. In 2025, global Lithium-ion Batteries Ternary Precursor production reached approximately 1,382 K MT, with an average global market price of around US\$ 16.38 per kg.

The upstream of the ternary precursor consists of metal salts such as nickel, cobalt, manganese, and aluminum, while the downstream consists of lithium positive electrode materials. It is a key intermediate product in the battery industry chain that connects upstream nickel cobalt manganese resources with downstream positive electrode materials. The value of ternary precursors in the battery industry chain is relatively large. Based on the average raw material prices in 2021, ternary precursors account for about 60% of the cost of ternary cathodes. The ternary positive electrode material has good inheritance of the physical and chemical properties of the precursor, which determines the performance of ternary batteries.

The ternary precursor belongs to a highly technology and capital intensive link in the power battery industry chain, with demand highly tied to the development pace of new

energy vehicles and high-end energy storage batteries. The overall scale fluctuates with the installed capacity of power batteries, but the long-term trend is still upward. Structural changes are particularly significant: on the one hand, the continuous pursuit of energy density and endurance by car manufacturers and battery factories has promoted the evolution of precursors towards high nickel, ultra-high nickel, and compositional fine-tuning systems, placing higher demands on co precipitation control, impurity management, and consistency. Manufacturers with large-scale high nickel production capabilities and long-term quality stability have a competitive advantage; On the other hand, cost and supply chain security have become key constraints, and the high nickel route relies heavily on resources such as nickel and cobalt, making resource integration capabilities, overseas raw material layout, and recycling systems gradually become competitive barriers. At the level of market competition, the precursor industry shows a clear trend of head concentration and strong customer stickiness. The deep binding with downstream cathode materials and battery factories will continue to strengthen, and the industry will shift from simply expanding production to a high-quality competition stage centered on technology, yield, stable supply, and comprehensive cost control.

This report studies the global Lithium-ion Batteries Ternary Precursor production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Lithium-ion Batteries Ternary Precursor total production and demand, 2021-2032, (Kilotons)

Global Lithium-ion Batteries Ternary Precursor total production value, 2021-2032, (USD Million)

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

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

U.S. VS China: Lithium-ion Batteries Ternary Precursor domestic production, consumption, key domestic manufacturers and share

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

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

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

This report profiles key players in the global Lithium-ion Batteries Ternary Precursor 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 Lithium-ion Batteries Ternary Precursor 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 Lithium-ion Batteries Ternary Precursor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Lithium-ion Batteries Ternary Precursor Market, Segmentation by Type:

NCM Precursor

NCA Precursor

Global Lithium-ion Batteries Ternary Precursor Market, Segmentation by Nickel Content:

Low Nickel Precursor

High Nickel Precursor

Global Lithium-ion Batteries Ternary Precursor Market, Segmentation by Particle Size:

Small Particle Precursor

Medium Particle Precursor

Large Particle Precursor

Global Lithium-ion Batteries Ternary Precursor 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 Lithium-ion Batteries Ternary Precursor market?
2. What is the demand of the global Lithium-ion Batteries Ternary Precursor market?
3. What is the year over year growth of the global Lithium-ion Batteries Ternary Precursor market?
4. What is the production and production value of the global Lithium-ion Batteries Ternary Precursor market?
5. Who are the key producers in the global Lithium-ion Batteries Ternary Precursor market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Vacuum Dryer Introduction
- 1.2 World Vacuum Dryer Supply & Forecast
 - 1.2.1 World Vacuum Dryer Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Vacuum Dryer Production (2021-2032)
 - 1.2.3 World Vacuum Dryer Pricing Trends (2021-2032)
- 1.3 World Vacuum Dryer Production by Region (Based on Production Site)
 - 1.3.1 World Vacuum Dryer Production Value by Region (2021-2032)
 - 1.3.2 World Vacuum Dryer Production by Region (2021-2032)
 - 1.3.3 World Vacuum Dryer Average Price by Region (2021-2032)
 - 1.3.4 North America Vacuum Dryer Production (2021-2032)
 - 1.3.5 Europe Vacuum Dryer Production (2021-2032)
 - 1.3.6 China Vacuum Dryer Production (2021-2032)
 - 1.3.7 Japan Vacuum Dryer Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Vacuum Dryer Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Vacuum Dryer Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Vacuum Dryer Demand (2021-2032)
- 2.2 World Vacuum Dryer Consumption by Region
 - 2.2.1 World Vacuum Dryer Consumption by Region (2021-2026)
 - 2.2.2 World Vacuum Dryer Consumption Forecast by Region (2027-2032)
- 2.3 United States Vacuum Dryer Consumption (2021-2032)
- 2.4 China Vacuum Dryer Consumption (2021-2032)
- 2.5 Europe Vacuum Dryer Consumption (2021-2032)
- 2.6 Japan Vacuum Dryer Consumption (2021-2032)
- 2.7 South Korea Vacuum Dryer Consumption (2021-2032)
- 2.8 ASEAN Vacuum Dryer Consumption (2021-2032)
- 2.9 India Vacuum Dryer Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Vacuum Dryer Production Value by Manufacturer (2021-2026)

- 3.2 World Vacuum Dryer Production by Manufacturer (2021-2026)
- 3.3 World Vacuum Dryer Average Price by Manufacturer (2021-2026)
- 3.4 Vacuum Dryer Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Vacuum Dryer Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Vacuum Dryer in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Vacuum Dryer in 2025
- 3.6 Vacuum Dryer Market: Overall Company Footprint Analysis
 - 3.6.1 Vacuum Dryer Market: Region Footprint
 - 3.6.2 Vacuum Dryer Market: Company Product Type Footprint
 - 3.6.3 Vacuum Dryer Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Vacuum Dryer Production Value Comparison
 - 4.1.1 United States VS China: Vacuum Dryer Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Vacuum Dryer Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Vacuum Dryer Production Comparison
 - 4.2.1 United States VS China: Vacuum Dryer Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Vacuum Dryer Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Vacuum Dryer Consumption Comparison
 - 4.3.1 United States VS China: Vacuum Dryer Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Vacuum Dryer Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Vacuum Dryer Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Vacuum Dryer Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers Vacuum Dryer Production Value

(2021-2026)

4.4.3 United States Based Manufacturers Vacuum Dryer Production (2021-2026)

4.5 China Based Vacuum Dryer Manufacturers and Market Share

4.5.1 China Based Vacuum Dryer Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Vacuum Dryer Production Value (2021-2026)

4.5.3 China Based Manufacturers Vacuum Dryer Production (2021-2026)

4.6 Rest of World Based Vacuum Dryer Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Vacuum Dryer Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Vacuum Dryer Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Vacuum Dryer Production (2021-2026)

5 MARKET ANALYSIS BY STRUCTURE

5.1 World Vacuum Dryer Market Size Overview by Structure: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Structure

5.2.1 Vertical Type

5.2.2 Drum Type

5.2.3 Other

5.3 Market Segment by Structure

5.3.1 World Vacuum Dryer Production by Structure (2021-2032)

5.3.2 World Vacuum Dryer Production Value by Structure (2021-2032)

5.3.3 World Vacuum Dryer Average Price by Structure (2021-2032)

6 MARKET ANALYSIS BY HEATING

6.1 World Vacuum Dryer Market Size Overview by Heating: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Heating

6.2.1 Jacket Heating

6.2.2 Electrical Heating

6.2.3 Infrared Vacuum

6.2.4 Microwave Vacuum

6.3 Market Segment by Heating

6.3.1 World Vacuum Dryer Production by Heating (2021-2032)

6.3.2 World Vacuum Dryer Production Value by Heating (2021-2032)

6.3.3 World Vacuum Dryer Average Price by Heating (2021-2032)

7 MARKET ANALYSIS BY CONTINUOUS

7.1 World Vacuum Dryer Market Size Overview by Continuous: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Continuous

7.2.1 Batch

7.2.2 Continuous

7.3 Market Segment by Continuous

7.3.1 World Vacuum Dryer Production by Continuous (2021-2032)

7.3.2 World Vacuum Dryer Production Value by Continuous (2021-2032)

7.3.3 World Vacuum Dryer Average Price by Continuous (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Vacuum Dryer Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Chemical

8.2.2 Medicine

8.2.3 Food

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Vacuum Dryer Production by Application (2021-2032)

8.3.2 World Vacuum Dryer Production Value by Application (2021-2032)

8.3.3 World Vacuum Dryer Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 IKA Group

9.1.1 IKA Group Details

9.1.2 IKA Group Major Business

9.1.3 IKA Group Vacuum Dryer Product and Services

9.1.4 IKA Group Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 IKA Group Recent Developments/Updates

9.1.6 IKA Group Competitive Strengths & Weaknesses

9.2 Amixon

9.2.1 Amixon Details

9.2.2 Amixon Major Business

9.2.3 Amixon Vacuum Dryer Product and Services

9.2.4 Amixon Vacuum Dryer Production, Price, Value, Gross Margin and Market Share

(2021-2026)

9.2.5 Amixon Recent Developments/Updates

9.2.6 Amixon Competitive Strengths & Weaknesses

9.3 Andritz AG

9.3.1 Andritz AG Details

9.3.2 Andritz AG Major Business

9.3.3 Andritz AG Vacuum Dryer Product and Services

9.3.4 Andritz AG Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Andritz AG Recent Developments/Updates

9.3.6 Andritz AG Competitive Strengths & Weaknesses

9.4 3V Tech

9.4.1 3V Tech Details

9.4.2 3V Tech Major Business

9.4.3 3V Tech Vacuum Dryer Product and Services

9.4.4 3V Tech Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 3V Tech Recent Developments/Updates

9.4.6 3V Tech Competitive Strengths & Weaknesses

9.5 Bachiller

9.5.1 Bachiller Details

9.5.2 Bachiller Major Business

9.5.3 Bachiller Vacuum Dryer Product and Services

9.5.4 Bachiller Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Bachiller Recent Developments/Updates

9.5.6 Bachiller Competitive Strengths & Weaknesses

9.6 De Lama

9.6.1 De Lama Details

9.6.2 De Lama Major Business

9.6.3 De Lama Vacuum Dryer Product and Services

9.6.4 De Lama Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 De Lama Recent Developments/Updates

9.6.6 De Lama Competitive Strengths & Weaknesses

9.7 Comi Polaris

9.7.1 Comi Polaris Details

9.7.2 Comi Polaris Major Business

9.7.3 Comi Polaris Vacuum Dryer Product and Services

9.7.4 Comi Polaris Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Comi Polaris Recent Developments/Updates

9.7.6 Comi Polaris Competitive Strengths & Weaknesses

9.8 De Dietrich Process Systems

9.8.1 De Dietrich Process Systems Details

9.8.2 De Dietrich Process Systems Major Business

9.8.3 De Dietrich Process Systems Vacuum Dryer Product and Services

9.8.4 De Dietrich Process Systems Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 De Dietrich Process Systems Recent Developments/Updates

9.8.6 De Dietrich Process Systems Competitive Strengths & Weaknesses

9.9 Equipment For Chemical Industries

9.9.1 Equipment For Chemical Industries Details

9.9.2 Equipment For Chemical Industries Major Business

9.9.3 Equipment For Chemical Industries Vacuum Dryer Product and Services

9.9.4 Equipment For Chemical Industries Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Equipment For Chemical Industries Recent Developments/Updates

9.9.6 Equipment For Chemical Industries Competitive Strengths & Weaknesses

9.10 Hosokawa Micron Powder Systems

9.10.1 Hosokawa Micron Powder Systems Details

9.10.2 Hosokawa Micron Powder Systems Major Business

9.10.3 Hosokawa Micron Powder Systems Vacuum Dryer Product and Services

9.10.4 Hosokawa Micron Powder Systems Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Hosokawa Micron Powder Systems Recent Developments/Updates

9.10.6 Hosokawa Micron Powder Systems Competitive Strengths & Weaknesses

9.11 Balief Corporation

9.11.1 Balief Corporation Details

9.11.2 Balief Corporation Major Business

9.11.3 Balief Corporation Vacuum Dryer Product and Services

9.11.4 Balief Corporation Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Balief Corporation Recent Developments/Updates

9.11.6 Balief Corporation Competitive Strengths & Weaknesses

9.12 MATSUI MFG

9.12.1 MATSUI MFG Details

9.12.2 MATSUI MFG Major Business

- 9.12.3 MATSUI MFG Vacuum Dryer Product and Services
- 9.12.4 MATSUI MFG Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.12.5 MATSUI MFG Recent Developments/Updates
- 9.12.6 MATSUI MFG Competitive Strengths & Weaknesses
- 9.13 Delta Costruzioni Meccaniche
 - 9.13.1 Delta Costruzioni Meccaniche Details
 - 9.13.2 Delta Costruzioni Meccaniche Major Business
 - 9.13.3 Delta Costruzioni Meccaniche Vacuum Dryer Product and Services
 - 9.13.4 Delta Costruzioni Meccaniche Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Delta Costruzioni Meccaniche Recent Developments/Updates
 - 9.13.6 Delta Costruzioni Meccaniche Competitive Strengths & Weaknesses
- 9.14 OKAWARA MFG
 - 9.14.1 OKAWARA MFG Details
 - 9.14.2 OKAWARA MFG Major Business
 - 9.14.3 OKAWARA MFG Vacuum Dryer Product and Services
 - 9.14.4 OKAWARA MFG Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 OKAWARA MFG Recent Developments/Updates
 - 9.14.6 OKAWARA MFG Competitive Strengths & Weaknesses
- 9.15 BHS-Sonthofen
 - 9.15.1 BHS-Sonthofen Details
 - 9.15.2 BHS-Sonthofen Major Business
 - 9.15.3 BHS-Sonthofen Vacuum Dryer Product and Services
 - 9.15.4 BHS-Sonthofen Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 BHS-Sonthofen Recent Developments/Updates
 - 9.15.6 BHS-Sonthofen Competitive Strengths & Weaknesses
- 9.16 GEMCO
 - 9.16.1 GEMCO Details
 - 9.16.2 GEMCO Major Business
 - 9.16.3 GEMCO Vacuum Dryer Product and Services
 - 9.16.4 GEMCO Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 GEMCO Recent Developments/Updates
 - 9.16.6 GEMCO Competitive Strengths & Weaknesses
- 9.17 Orbis Machinery
 - 9.17.1 Orbis Machinery Details

- 9.17.2 Orbis Machinery Major Business
- 9.17.3 Orbis Machinery Vacuum Dryer Product and Services
- 9.17.4 Orbis Machinery Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.17.5 Orbis Machinery Recent Developments/Updates
- 9.17.6 Orbis Machinery Competitive Strengths & Weaknesses
- 9.18 Paul O. Abbe
 - 9.18.1 Paul O. Abbe Details
 - 9.18.2 Paul O. Abbe Major Business
 - 9.18.3 Paul O. Abbe Vacuum Dryer Product and Services
 - 9.18.4 Paul O. Abbe Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 Paul O. Abbe Recent Developments/Updates
 - 9.18.6 Paul O. Abbe Competitive Strengths & Weaknesses
- 9.19 Italtvacuum
 - 9.19.1 Italtvacuum Details
 - 9.19.2 Italtvacuum Major Business
 - 9.19.3 Italtvacuum Vacuum Dryer Product and Services
 - 9.19.4 Italtvacuum Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 Italtvacuum Recent Developments/Updates
 - 9.19.6 Italtvacuum Competitive Strengths & Weaknesses
- 9.20 Comessa
 - 9.20.1 Comessa Details
 - 9.20.2 Comessa Major Business
 - 9.20.3 Comessa Vacuum Dryer Product and Services
 - 9.20.4 Comessa Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Comessa Recent Developments/Updates
 - 9.20.6 Comessa Competitive Strengths & Weaknesses
- 9.21 Mitchell Dryers
 - 9.21.1 Mitchell Dryers Details
 - 9.21.2 Mitchell Dryers Major Business
 - 9.21.3 Mitchell Dryers Vacuum Dryer Product and Services
 - 9.21.4 Mitchell Dryers Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 Mitchell Dryers Recent Developments/Updates
 - 9.21.6 Mitchell Dryers Competitive Strengths & Weaknesses
- 9.22 Pfaudler

- 9.22.1 Pfaudler Details
- 9.22.2 Pfaudler Major Business
- 9.22.3 Pfaudler Vacuum Dryer Product and Services
- 9.22.4 Pfaudler Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.22.5 Pfaudler Recent Developments/Updates
- 9.22.6 Pfaudler Competitive Strengths & Weaknesses
- 9.23 B&P Littleford
 - 9.23.1 B&P Littleford Details
 - 9.23.2 B&P Littleford Major Business
 - 9.23.3 B&P Littleford Vacuum Dryer Product and Services
 - 9.23.4 B&P Littleford Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.23.5 B&P Littleford Recent Developments/Updates
 - 9.23.6 B&P Littleford Competitive Strengths & Weaknesses
- 9.24 EKATO
 - 9.24.1 EKATO Details
 - 9.24.2 EKATO Major Business
 - 9.24.3 EKATO Vacuum Dryer Product and Services
 - 9.24.4 EKATO Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.24.5 EKATO Recent Developments/Updates
 - 9.24.6 EKATO Competitive Strengths & Weaknesses
- 9.25 SED Pharma
 - 9.25.1 SED Pharma Details
 - 9.25.2 SED Pharma Major Business
 - 9.25.3 SED Pharma Vacuum Dryer Product and Services
 - 9.25.4 SED Pharma Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.25.5 SED Pharma Recent Developments/Updates
 - 9.25.6 SED Pharma Competitive Strengths & Weaknesses
- 9.26 Olsa
 - 9.26.1 Olsa Details
 - 9.26.2 Olsa Major Business
 - 9.26.3 Olsa Vacuum Dryer Product and Services
 - 9.26.4 Olsa Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.26.5 Olsa Recent Developments/Updates
 - 9.26.6 Olsa Competitive Strengths & Weaknesses

9.27 Sugino Machine

9.27.1 Sugino Machine Details

9.27.2 Sugino Machine Major Business

9.27.3 Sugino Machine Vacuum Dryer Product and Services

9.27.4 Sugino Machine Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.27.5 Sugino Machine Recent Developments/Updates

9.27.6 Sugino Machine Competitive Strengths & Weaknesses

9.28 SATO VAC

9.28.1 SATO VAC Details

9.28.2 SATO VAC Major Business

9.28.3 SATO VAC Vacuum Dryer Product and Services

9.28.4 SATO VAC Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.28.5 SATO VAC Recent Developments/Updates

9.28.6 SATO VAC Competitive Strengths & Weaknesses

9.29 ZIRBUS

9.29.1 ZIRBUS Details

9.29.2 ZIRBUS Major Business

9.29.3 ZIRBUS Vacuum Dryer Product and Services

9.29.4 ZIRBUS Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.29.5 ZIRBUS Recent Developments/Updates

9.29.6 ZIRBUS Competitive Strengths & Weaknesses

9.30 Kambic

9.30.1 Kambic Details

9.30.2 Kambic Major Business

9.30.3 Kambic Vacuum Dryer Product and Services

9.30.4 Kambic Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.30.5 Kambic Recent Developments/Updates

9.30.6 Kambic Competitive Strengths & Weaknesses

9.31 Hywell Machinery Company

9.31.1 Hywell Machinery Company Details

9.31.2 Hywell Machinery Company Major Business

9.31.3 Hywell Machinery Company Vacuum Dryer Product and Services

9.31.4 Hywell Machinery Company Vacuum Dryer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.31.5 Hywell Machinery Company Recent Developments/Updates

9.31.6 Hywell Machinery Company Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Vacuum Dryer Industry Chain

10.2 Vacuum Dryer Upstream Analysis

10.2.1 Vacuum Dryer Core Raw Materials

10.2.2 Main Manufacturers of Vacuum Dryer Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Vacuum Dryer Production Mode

10.6 Vacuum Dryer Procurement Model

10.7 Vacuum Dryer Industry Sales Model and Sales Channels

10.7.1 Vacuum Dryer Sales Model

10.7.2 Vacuum Dryer Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Lithium-ion Batteries Ternary Precursor Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Lithium-ion Batteries Ternary Precursor Production Value by Region (2021-2026) & (USD Million)

Table 3. World Lithium-ion Batteries Ternary Precursor Production Value by Region (2027-2032) & (USD Million)

Table 4. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Region (2021-2026)

Table 5. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Region (2027-2032)

Table 6. World Lithium-ion Batteries Ternary Precursor Production by Region (2021-2026) & (Kilotons)

Table 7. World Lithium-ion Batteries Ternary Precursor Production by Region (2027-2032) & (Kilotons)

Table 8. World Lithium-ion Batteries Ternary Precursor Production Market Share by Region (2021-2026)

Table 9. World Lithium-ion Batteries Ternary Precursor Production Market Share by Region (2027-2032)

Table 10. World Lithium-ion Batteries Ternary Precursor Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Lithium-ion Batteries Ternary Precursor Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Lithium-ion Batteries Ternary Precursor Major Market Trends

Table 13. World Lithium-ion Batteries Ternary Precursor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Kilotons)

Table 14. World Lithium-ion Batteries Ternary Precursor Consumption by Region (2021-2026) & (Kilotons)

Table 15. World Lithium-ion Batteries Ternary Precursor Consumption Forecast by Region (2027-2032) & (Kilotons)

Table 16. World Lithium-ion Batteries Ternary Precursor Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Lithium-ion Batteries Ternary Precursor Producers in 2025

Table 18. World Lithium-ion Batteries Ternary Precursor Production by Manufacturer (2021-2026) & (Kilotons)

Table 19. Production Market Share of Key Lithium-ion Batteries Ternary Precursor Producers in 2025

Table 20. World Lithium-ion Batteries Ternary Precursor Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Lithium-ion Batteries Ternary Precursor Company Evaluation Quadrant

Table 22. World Lithium-ion Batteries Ternary Precursor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Lithium-ion Batteries Ternary Precursor Production Site of Key Manufacturer

Table 24. Lithium-ion Batteries Ternary Precursor Market: Company Product Type Footprint

Table 25. Lithium-ion Batteries Ternary Precursor Market: Company Product Application Footprint

Table 26. Lithium-ion Batteries Ternary Precursor Competitive Factors

Table 27. Lithium-ion Batteries Ternary Precursor New Entrant and Capacity Expansion Plans

Table 28. Lithium-ion Batteries Ternary Precursor Mergers & Acquisitions Activity

Table 29. United States VS China Lithium-ion Batteries Ternary Precursor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Lithium-ion Batteries Ternary Precursor Production Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 31. United States VS China Lithium-ion Batteries Ternary Precursor Consumption Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 32. United States Based Lithium-ion Batteries Ternary Precursor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Lithium-ion Batteries Ternary Precursor Production (2021-2026) & (Kilotons)

Table 36. United States Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share (2021-2026)

Table 37. China Based Lithium-ion Batteries Ternary Precursor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Lithium-ion Batteries Ternary Precursor

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Lithium-ion Batteries Ternary Precursor Production, (2021-2026) & (Kilotons)

Table 41. China Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share (2021-2026)

Table 42. Rest of World Based Lithium-ion Batteries Ternary Precursor Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Lithium-ion Batteries Ternary Precursor Production, (2021-2026) & (Kilotons)

Table 46. Rest of World Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share (2021-2026)

Table 47. World Lithium-ion Batteries Ternary Precursor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Lithium-ion Batteries Ternary Precursor Production by Type (2021-2026) & (Kilotons)

Table 49. World Lithium-ion Batteries Ternary Precursor Production by Type (2027-2032) & (Kilotons)

Table 50. World Lithium-ion Batteries Ternary Precursor Production Value by Type (2021-2026) & (USD Million)

Table 51. World Lithium-ion Batteries Ternary Precursor Production Value by Type (2027-2032) & (USD Million)

Table 52. World Lithium-ion Batteries Ternary Precursor Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Lithium-ion Batteries Ternary Precursor Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Lithium-ion Batteries Ternary Precursor Production Value by Nickel Content, (USD Million), 2021 & 2025 & 2032

Table 55. World Lithium-ion Batteries Ternary Precursor Production by Nickel Content (2021-2026) & (Kilotons)

Table 56. World Lithium-ion Batteries Ternary Precursor Production by Nickel Content (2027-2032) & (Kilotons)

Table 57. World Lithium-ion Batteries Ternary Precursor Production Value by Nickel Content (2021-2026) & (USD Million)

Table 58. World Lithium-ion Batteries Ternary Precursor Production Value by Nickel Content (2027-2032) & (USD Million)

Table 59. World Lithium-ion Batteries Ternary Precursor Average Price by Nickel Content (2021-2026) & (US\$/Ton)

Table 60. World Lithium-ion Batteries Ternary Precursor Average Price by Nickel Content (2027-2032) & (US\$/Ton)

Table 61. World Lithium-ion Batteries Ternary Precursor Production Value by Particle Size, (USD Million), 2021 & 2025 & 2032

Table 62. World Lithium-ion Batteries Ternary Precursor Production by Particle Size (2021-2026) & (Kilotons)

Table 63. World Lithium-ion Batteries Ternary Precursor Production by Particle Size (2027-2032) & (Kilotons)

Table 64. World Lithium-ion Batteries Ternary Precursor Production Value by Particle Size (2021-2026) & (USD Million)

Table 65. World Lithium-ion Batteries Ternary Precursor Production Value by Particle Size (2027-2032) & (USD Million)

Table 66. World Lithium-ion Batteries Ternary Precursor Average Price by Particle Size (2021-2026) & (US\$/Ton)

Table 67. World Lithium-ion Batteries Ternary Precursor Average Price by Particle Size (2027-2032) & (US\$/Ton)

Table 68. World Lithium-ion Batteries Ternary Precursor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Lithium-ion Batteries Ternary Precursor Production by Application (2021-2026) & (Kilotons)

Table 70. World Lithium-ion Batteries Ternary Precursor Production by Application (2027-2032) & (Kilotons)

Table 71. World Lithium-ion Batteries Ternary Precursor Production Value by Application (2021-2026) & (USD Million)

Table 72. World Lithium-ion Batteries Ternary Precursor Production Value by Application (2027-2032) & (USD Million)

Table 73. World Lithium-ion Batteries Ternary Precursor Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Lithium-ion Batteries Ternary Precursor Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. GEM Basic Information, Manufacturing Base and Competitors

Table 76. GEM Major Business

Table 77. GEM Lithium-ion Batteries Ternary Precursor Product and Services

Table 78. GEM Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. GEM Recent Developments/Updates

- Table 80. GEM Competitive Strengths & Weaknesses
- Table 81. Umicore Basic Information, Manufacturing Base and Competitors
- Table 82. Umicore Major Business
- Table 83. Umicore Lithium-ion Batteries Ternary Precursor Product and Services
- Table 84. Umicore Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Umicore Recent Developments/Updates
- Table 86. Umicore Competitive Strengths & Weaknesses
- Table 87. CNGR Advanced Material Basic Information, Manufacturing Base and Competitors
- Table 88. CNGR Advanced Material Major Business
- Table 89. CNGR Advanced Material Lithium-ion Batteries Ternary Precursor Product and Services
- Table 90. CNGR Advanced Material Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. CNGR Advanced Material Recent Developments/Updates
- Table 92. CNGR Advanced Material Competitive Strengths & Weaknesses
- Table 93. Guangdong Brunp Recycling Technology Basic Information, Manufacturing Base and Competitors
- Table 94. Guangdong Brunp Recycling Technology Major Business
- Table 95. Guangdong Brunp Recycling Technology Lithium-ion Batteries Ternary Precursor Product and Services
- Table 96. Guangdong Brunp Recycling Technology Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Guangdong Brunp Recycling Technology Recent Developments/Updates
- Table 98. Guangdong Brunp Recycling Technology Competitive Strengths & Weaknesses
- Table 99. Tanaka Chemical Corporation Basic Information, Manufacturing Base and Competitors
- Table 100. Tanaka Chemical Corporation Major Business
- Table 101. Tanaka Chemical Corporation Lithium-ion Batteries Ternary Precursor Product and Services
- Table 102. Tanaka Chemical Corporation Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Tanaka Chemical Corporation Recent Developments/Updates

- Table 104. Tanaka Chemical Corporation Competitive Strengths & Weaknesses
- Table 105. Henan Kelong New Energy Basic Information, Manufacturing Base and Competitors
- Table 106. Henan Kelong New Energy Major Business
- Table 107. Henan Kelong New Energy Lithium-ion Batteries Ternary Precursor Product and Services
- Table 108. Henan Kelong New Energy Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Henan Kelong New Energy Recent Developments/Updates
- Table 110. Henan Kelong New Energy Competitive Strengths & Weaknesses
- Table 111. Huayou Cobalt Basic Information, Manufacturing Base and Competitors
- Table 112. Huayou Cobalt Major Business
- Table 113. Huayou Cobalt Lithium-ion Batteries Ternary Precursor Product and Services
- Table 114. Huayou Cobalt Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Huayou Cobalt Recent Developments/Updates
- Table 116. Huayou Cobalt Competitive Strengths & Weaknesses
- Table 117. Guangdong Fangyuan New Materials Group Basic Information, Manufacturing Base and Competitors
- Table 118. Guangdong Fangyuan New Materials Group Major Business
- Table 119. Guangdong Fangyuan New Materials Group Lithium-ion Batteries Ternary Precursor Product and Services
- Table 120. Guangdong Fangyuan New Materials Group Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Guangdong Fangyuan New Materials Group Recent Developments/Updates
- Table 122. Guangdong Fangyuan New Materials Group Competitive Strengths & Weaknesses
- Table 123. Shanghai Greatpower Technology Basic Information, Manufacturing Base and Competitors
- Table 124. Shanghai Greatpower Technology Major Business
- Table 125. Shanghai Greatpower Technology Lithium-ion Batteries Ternary Precursor Product and Services
- Table 126. Shanghai Greatpower Technology Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 127. Shanghai Greatpower Technology Recent Developments/Updates
- Table 128. Shanghai Greatpower Technology Competitive Strengths & Weaknesses
- Table 129. Minmetals New Energy Materials Basic Information, Manufacturing Base and Competitors
- Table 130. Minmetals New Energy Materials Major Business
- Table 131. Minmetals New Energy Materials Lithium-ion Batteries Ternary Precursor Product and Services
- Table 132. Minmetals New Energy Materials Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Minmetals New Energy Materials Recent Developments/Updates
- Table 134. Minmetals New Energy Materials Competitive Strengths & Weaknesses
- Table 135. Ganfeng Lithium Group Basic Information, Manufacturing Base and Competitors
- Table 136. Ganfeng Lithium Group Major Business
- Table 137. Ganfeng Lithium Group Lithium-ion Batteries Ternary Precursor Product and Services
- Table 138. Ganfeng Lithium Group Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. Ganfeng Lithium Group Recent Developments/Updates
- Table 140. Ganfeng Lithium Group Competitive Strengths & Weaknesses
- Table 141. Wuhu Jiana Energy Technology Basic Information, Manufacturing Base and Competitors
- Table 142. Wuhu Jiana Energy Technology Major Business
- Table 143. Wuhu Jiana Energy Technology Lithium-ion Batteries Ternary Precursor Product and Services
- Table 144. Wuhu Jiana Energy Technology Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Wuhu Jiana Energy Technology Recent Developments/Updates
- Table 146. Wuhu Jiana Energy Technology Competitive Strengths & Weaknesses
- Table 147. Jinchuan Group Basic Information, Manufacturing Base and Competitors
- Table 148. Jinchuan Group Major Business
- Table 149. Jinchuan Group Lithium-ion Batteries Ternary Precursor Product and Services
- Table 150. Jinchuan Group Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 151. Jinchuan Group Recent Developments/Updates
- Table 152. Jinchuan Group Competitive Strengths & Weaknesses
- Table 153. Zhejiang Power New Energy Basic Information, Manufacturing Base and Competitors
- Table 154. Zhejiang Power New Energy Major Business
- Table 155. Zhejiang Power New Energy Lithium-ion Batteries Ternary Precursor Product and Services
- Table 156. Zhejiang Power New Energy Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. Zhejiang Power New Energy Recent Developments/Updates
- Table 158. Zhejiang Power New Energy Competitive Strengths & Weaknesses
- Table 159. Zhajiang Hitrans Lithium Battery Technology Basic Information, Manufacturing Base and Competitors
- Table 160. Zhajiang Hitrans Lithium Battery Technology Major Business
- Table 161. Zhajiang Hitrans Lithium Battery Technology Lithium-ion Batteries Ternary Precursor Product and Services
- Table 162. Zhajiang Hitrans Lithium Battery Technology Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 163. Zhajiang Hitrans Lithium Battery Technology Recent Developments/Updates
- Table 164. Zhajiang Hitrans Lithium Battery Technology Competitive Strengths & Weaknesses
- Table 165. Jiecheng New Energy Company Basic Information, Manufacturing Base and Competitors
- Table 166. Jiecheng New Energy Company Major Business
- Table 167. Jiecheng New Energy Company Lithium-ion Batteries Ternary Precursor Product and Services
- Table 168. Jiecheng New Energy Company Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 169. Jiecheng New Energy Company Recent Developments/Updates
- Table 170. Jiecheng New Energy Company Competitive Strengths & Weaknesses
- Table 171. ECOPRO Basic Information, Manufacturing Base and Competitors
- Table 172. ECOPRO Major Business
- Table 173. ECOPRO Lithium-ion Batteries Ternary Precursor Product and Services
- Table 174. ECOPRO Lithium-ion Batteries Ternary Precursor Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. ECOPRO Recent Developments/Updates

Table 176. ECOPRO Competitive Strengths & Weaknesses

Table 177. Global Key Players of Lithium-ion Batteries Ternary Precursor Upstream
(Raw Materials)

Table 178. Global Lithium-ion Batteries Ternary Precursor Typical Customers

Table 179. Lithium-ion Batteries Ternary Precursor Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Lithium-ion Batteries Ternary Precursor Picture
- Figure 2. World Lithium-ion Batteries Ternary Precursor Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Lithium-ion Batteries Ternary Precursor Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Lithium-ion Batteries Ternary Precursor Production (2021-2032) & (Kilotons)
- Figure 5. World Lithium-ion Batteries Ternary Precursor Average Price (2021-2032) & (US\$/Ton)
- Figure 6. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Region (2021-2032)
- Figure 7. World Lithium-ion Batteries Ternary Precursor Production Market Share by Region (2021-2032)
- Figure 8. North America Lithium-ion Batteries Ternary Precursor Production (2021-2032) & (Kilotons)
- Figure 9. Europe Lithium-ion Batteries Ternary Precursor Production (2021-2032) & (Kilotons)
- Figure 10. China Lithium-ion Batteries Ternary Precursor Production (2021-2032) & (Kilotons)
- Figure 11. Japan Lithium-ion Batteries Ternary Precursor Production (2021-2032) & (Kilotons)
- Figure 12. Lithium-ion Batteries Ternary Precursor Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)
- Figure 15. World Lithium-ion Batteries Ternary Precursor Consumption Market Share by Region (2021-2032)
- Figure 16. United States Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)
- Figure 17. China Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)
- Figure 18. Europe Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)
- Figure 19. Japan Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)

Figure 20. South Korea Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)

Figure 21. ASEAN Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)

Figure 22. India Lithium-ion Batteries Ternary Precursor Consumption (2021-2032) & (Kilotons)

Figure 23. Producer Shipments of Lithium-ion Batteries Ternary Precursor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Lithium-ion Batteries Ternary Precursor Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Lithium-ion Batteries Ternary Precursor Markets in 2025

Figure 26. United States VS China: Lithium-ion Batteries Ternary Precursor Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Lithium-ion Batteries Ternary Precursor Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Lithium-ion Batteries Ternary Precursor Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share 2025

Figure 30. China Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Lithium-ion Batteries Ternary Precursor Production Market Share 2025

Figure 32. World Lithium-ion Batteries Ternary Precursor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Type in 2025

Figure 34. NCM Precursor

Figure 35. NCA Precursor

Figure 36. World Lithium-ion Batteries Ternary Precursor Production Market Share by Type (2021-2032)

Figure 37. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Type (2021-2032)

Figure 38. World Lithium-ion Batteries Ternary Precursor Average Price by Type (2021-2032) & (US\$/Ton)

Figure 39. World Lithium-ion Batteries Ternary Precursor Production Value by Nickel Content, (USD Million), 2021 & 2025 & 2032

Figure 40. World Lithium-ion Batteries Ternary Precursor Production Value Market

Share by Nickel Content in 2025

Figure 41. Low Nickel Precursor

Figure 42. High Nickel Precursor

Figure 43. World Lithium-ion Batteries Ternary Precursor Production Market Share by Nickel Content (2021-2032)

Figure 44. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Nickel Content (2021-2032)

Figure 45. World Lithium-ion Batteries Ternary Precursor Average Price by Nickel Content (2021-2032) & (US\$/Ton)

Figure 46. World Lithium-ion Batteries Ternary Precursor Production Value by Particle Size, (USD Million), 2021 & 2025 & 2032

Figure 47. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Particle Size in 2025

Figure 48. Small Particle Precursor

Figure 49. Medium Particle Precursor

Figure 50. Large Particle Precursor

Figure 51. World Lithium-ion Batteries Ternary Precursor Production Market Share by Particle Size (2021-2032)

Figure 52. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Particle Size (2021-2032)

Figure 53. World Lithium-ion Batteries Ternary Precursor Average Price by Particle Size (2021-2032) & (US\$/Ton)

Figure 54. World Lithium-ion Batteries Ternary Precursor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Application in 2025

Figure 56. New Energy Vehicle

Figure 57. Consumer Electronics

Figure 58. Energy Storage

Figure 59. Other

Figure 60. World Lithium-ion Batteries Ternary Precursor Production Market Share by Application (2021-2032)

Figure 61. World Lithium-ion Batteries Ternary Precursor Production Value Market Share by Application (2021-2032)

Figure 62. World Lithium-ion Batteries Ternary Precursor Average Price by Application (2021-2032) & (US\$/Ton)

Figure 63. Lithium-ion Batteries Ternary Precursor Industry Chain

Figure 64. Lithium-ion Batteries Ternary Precursor Procurement Model

Figure 65. Lithium-ion Batteries Ternary Precursor Sales Model

Figure 66. Lithium-ion Batteries Ternary Precursor Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Lithium-ion Batteries Ternary Precursor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GFFD8494AE19EN.html>

Price: US\$ 4,480.00 (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/GFFD8494AE19EN.html>