

Battery Material Market: Trends, Opportunities and Competitive Analysis

<https://marketpublishers.com/r/B2047656443AEN.html>

Date: June 2022

Pages: 205

Price: US\$ 4,850.00 (Single User License)

ID: B2047656443AEN

Abstracts

It will take 3 working days to update any report and deliver. Old report copy will not be available. We will deliver only updated copies of the reports.

Battery Material Market Trends and Forecast

The future of the battery material market looks promising with opportunities in the transportation, industrial, and consumer electronics industries. The global battery material market is expected to reach an estimated \$148.7 billion by 2027 with a CAGR of 16% from 2021 to 2027. The major drivers for this market are growing adoption of electric vehicles, rising demand for portable electronics, and growing need for energy storage devices.

Emerging Trends in the Battery Material Market

Emerging trends, which have a direct impact on the dynamics of the battery material industry, include development of solid state electrolyte and the emergence of sodium-ion batteries.

A total of 107 figures / charts and 68 tables are provided in this 205-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the battery material market report, please download the report brochure.

Battery Material Market by Segment

The study includes a forecast for the global battery material market by component type,

chemistry type, battery type, end use industry, and region as follows:

Battery Material Market by Component [Volume (Kilotons) and \$M shipment analysis from 2016 to 2027]:

Cathode

- o Lead Dioxide
- o Lithium Cobalt Oxide (LCO)
- o Nickel Manganese Cobalt (NMC)
- o Nickel Cobalt Aluminum (NCA)
- o Lithium Manganese Oxide (LMO)
- o Lithium-iron Phosphate (LFP)
- o Other Cathode Materials
- o Anode
- o Lead
- o Natural Graphite
- o Synthetic Graphite
- o Other Anode Materials

Anode Materials

- o Electrolyte
- o Separator

o Others

Battery Material Market by Chemistry Type [Volume (Kilotons) and \$M shipment analysis from 2016 to 2027]:

Lead-Acid

Lithium-ion

Others

Battery Material Market by End Use Industry [Volume (Kilotons) and \$M shipment analysis from 2016 to 2027]:

Transportation

o Electric Vehicles

o Internal Combustion Engine (ICE)

Industrial

o Energy Storage

o Others

Consumer Electronics

o Cellphone

o Portable Computers

o Others

Others

By Battery Type [Volume (Kilotons) and \$M shipment analysis from 2016 to 2027]:

Primary Batteries

Secondary Batteries

Battery Material Market by Region [Volume (Kilotons) and \$M shipment analysis from 2016 to 2027]:

North America

o United States

o Canada

o Mexico

Europe

o Germany

Asia Pacific

o China

o Japan

o South Korea

The Rest of the World

List of Battery Material Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies battery material companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the battery material companies profiled in this report includes.

Umicore

Asahi Kasei

Sumitomo Metal Mining

Mitsubishi Chemical

Toray

Toda Kogyo Corporation

Showa Denko K.K.

Battery Material Market Insight

Lucintel forecasts that transportation is expected to remain the largest end use industry for battery materials and witness the highest growth over the forecast period. Customer inclination towards electric vehicles and growing preference for NMC (Nickel Manganese Cobalt) and NCA (Nickel Cobalt Aluminum) based lithium-ion batteries in electric vehicles are expected to drive the market of battery materials in the transportation sector.

Cathode will remain the largest segment by component type, and it is expected to witness the highest growth during the forecast period due to growth in lead acid and lithium ion battery, considering growth in the automotive industry.

Asia Pacific is expected to remain the largest market and witness the highest growth over the forecast period. Growing production of electric vehicles,

consumer electronics, and the growing demand for backup power systems are expected to boost demand for the battery material market in this region.

Features of Battery Material Market

Market Size Estimates:Battery material market size estimation in terms of value (\$B)

Trend and Forecast Analysis:Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis:Market size by component type, chemistry type, battery type, and end use industry.

Regional Analysis:Battery material market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities:Analysis of growth opportunities in different component type, chemistry type, battery type, end use industry, and regions for the battery material market.

Strategic Analysis:This includes M&A, new product development, and competitive landscape for the battery material market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the battery material market size?

Answer:The global battery material market is expected to reach an estimated \$148.7 billion by 2027

Q2. What is the growth forecast for battery material market?

Answer:The battery material market is expected to grow at a CAGR of 16% from 2021

to 2027.

Q3. What are the major drivers influencing the growth of the battery material market?

Answer: The major drivers for this market are growing adoption of electric vehicles, rising demand for portable electronics, and growing need for energy storage devices.

Q4. What are the major applications or end use industries for battery material?

Answer: Transportation and consumer electronics are the major end use industries for battery material.

Q5. What are the emerging trends in battery material market?

Answer: Emerging trends, which have a direct impact on the dynamics of the battery material industry, include development of solid state electrolyte and the emergence of sodium-ion batteries.

Q6. Who are the key battery material companies?

Answer: Some of the key battery material companies are as follows:

Umicore

Asahi Kasei

Sumitomo Metal Mining

Mitsubishi Chemical

Toray

Toda Kogyo Corporation

Showa Denko K.K.

Q7. Which battery material product segment will be the largest in future?

Answer: Lucintel forecasts that cathode will remain the largest segment by component type, and it is expected to witness the highest growth during the forecast period due to growth in lead acid and lithium ion battery, considering growth in the automotive industry.

Q8. In battery material market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global battery material market by component type (cathodes, anodes, electrolytes, separators, and others), battery type (primary batteries and secondary batteries), end use industry (consumer electronics, transportation, industrial, and others), chemistry type (lithium-ion, lead acid, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL BATTERY MATERIAL MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2016 TO 2027

3.1: Macroeconomic Trends and Forecasts

3.2: Global Battery Material Market Trends and Forecast

3.3 Global Battery Material Market by Component Type

3.3.1: Cathode

3.3.1.1: Lead Oxide

3.3.1.2: LCO

3.3.1.3: NMC

3.3.1.4: NCA

3.3.1.5: LMO

3.3.1.6: LFP

3.3.1.7: Other Cathode Materials

3.3.2: Anode

3.3.2.1: Lead

3.3.2.2: Natural Graphite

3.3.2.3: Artificial Graphite

3.3.2.4: Other Anode Materials

3.3.4: Electrolyte

3.3.5: Separator

3.3.6: Others

3.4: Global Battery Material Market by Battery Type

3.4.1: Primary Battery

3.4.2: Secondary Battery

3.5: Global Battery Material Market by Chemistry Type

3.5.1: Lithium-Ion

3.5.2: Lead-Acid

3.5.3: Others

3.6: Global Battery Material Market by End Use Industry

3.6.1: Consumer Electronics

3.6.1.1: Cellphone

3.6.1.2: Portable Computers

3.6.1.3: Others

3.6.2: Transportation

3.6.2.1: Electric Vehicles

3.6.2.2: ICE

3.6.3: Industrial

3.6.3.1: Energy Storage

3.6.3.2: Others

3.6.4: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

4.1: Global Battery Material Market by Region

4.2: North American Battery Material Market Trends and Forecast

4.2.1: Market by Chemistry Type: Lithium-ion, Lead-Acid, and Others

4.2.2: Market by Component Type: Cathode, Anode, Electrolyte, Separators, and Others

4.2.3: United States Battery Material Market

4.2.4: Canadian Battery Material Market

4.2.5: Mexican Battery Material Market

4.3: European Battery Material Market Trends and Forecast

4.3.1: Market by Chemistry Type: Lithium-ion, Lead-Acid, and Others

4.3.2: Market by Component Type: Cathode, Anode, Electrolyte, Separators, and Others

4.3.3: German Battery Material Market

4.4: APAC Battery Material Market Trends and Forecast

4.4.1: Market by Chemistry Type: Lithium-ion, Lead-Acid, and Others

4.4.2: Market by Component Type: Cathode, Anode, Electrolyte, Separators, and Others

4.4.3: Chinese Battery Material Market

4.4.4: Japanese Battery Material Market

4.4.5: South Korean Battery Material Market

4.5: ROW Battery Material Market Trends and Forecast

4.5.1: Market by Chemistry Type: Lithium-ion, Lead-Acid, and Others

4.5.2: Market by Component Type: Cathode, Anode, Electrolyte, Separators, and Others

5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Geographical Reach
- 5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
 - 6.1.1: Growth Opportunities for the Global Battery Material Market by Chemistry Type
 - 6.1.2: Growth Opportunities for the Global Battery Material Market by End Use Industry
 - 6.1.3: Growth Opportunities for the Global Battery Material Market by Region
- 6.2: Emerging Trends in the Global Battery Material Market
- 6.3: Strategic Analysis
 - 6.3.1: Capacity Expansion of the Global Battery Material Market
 - 6.3.2: Mergers, Acquisitions, and Joint Ventures in the Global Battery Material Market
 - 6.3.3: Technology Development

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Umicore
- 7.2: Sumitomo Metal Mining Co. Ltd.
- 7.3: Mitsubishi Chemical Corporation
- 7.4: Asahi Kasei Corporation
- 7.5: Toray
- 7.6: Posco ESM
- 7.7: Toda Kogyo Corp
- 7.8: Showa Denko K.K.
- 7.9: W-SCOPE Corporation
- 7.10: Kureha Corporation

I would like to order

Product name: Battery Material Market: Trends, Opportunities and Competitive Analysis

Product link: <https://marketpublishers.com/r/B2047656443AEN.html>

Price: US\$ 4,850.00 (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/B2047656443AEN.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