

Global High-purity Alumina for Lithium-ion Batteries Market Growth 2025-2031

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Abstracts

The global High-purity Alumina for Lithium-ion Batteries market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

High-purity aluminum oxide is often termed as High-purity alumina. It is a white, granular, chemical produced commercially either by treating aluminum with specific chemicals or by the use of other aluminous feed stock.

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the

loading capacity of new energy vehicle power battery was about 295 GWh, and the new energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

LP Information, Inc. (LPI) ' newest research report, the “High-purity Alumina for Lithium-ion Batteries Industry Forecast” looks at past sales and reviews total world High-purity Alumina for Lithium-ion Batteries sales in 2024, providing a comprehensive analysis by region and market sector of projected High-purity Alumina for Lithium-ion Batteries sales for 2025 through 2031. With High-purity Alumina for Lithium-ion Batteries sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High-purity Alumina for Lithium-ion Batteries industry.

This Insight Report provides a comprehensive analysis of the global High-purity Alumina for Lithium-ion Batteries landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High-purity Alumina for Lithium-ion Batteries portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High-purity Alumina for Lithium-ion Batteries market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High-purity Alumina for Lithium-ion Batteries and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High-purity Alumina for Lithium-ion Batteries.

This report presents a comprehensive overview, market shares, and growth opportunities of High-purity Alumina for Lithium-ion Batteries market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

4N Grade

5N Grade

6N Grade

Segmentation by Application:

Electronics

Automotive

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Sumitomo Chemical

Sasol

Nippon Light Metal

Baikowski

Altech Chemicals

Polar Sapphire

Orbite Technologies

Hebei Heng Bo new material Polytron Technologies

Xuan Cheng Jing Rui New Material

Zibo Honghe Chemical

Key Questions Addressed in this Report

What is the 10-year outlook for the global High-purity Alumina for Lithium-ion Batteries market?

What factors are driving High-purity Alumina for Lithium-ion Batteries market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High-purity Alumina for Lithium-ion Batteries market opportunities vary by end market size?

How does High-purity Alumina for Lithium-ion Batteries break out by Type, by Application?

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
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global High-purity Alumina for Lithium-ion Batteries Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for High-purity Alumina for Lithium-ion Batteries by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for High-purity Alumina for Lithium-ion Batteries by Country/Region, 2020, 2024 & 2031
- 2.2 High-purity Alumina for Lithium-ion Batteries Segment by Type
 - 2.2.1 4N Grade
 - 2.2.2 5N Grade
 - 2.2.3 6N Grade
- 2.3 High-purity Alumina for Lithium-ion Batteries Sales by Type
 - 2.3.1 Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)
 - 2.3.2 Global High-purity Alumina for Lithium-ion Batteries Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global High-purity Alumina for Lithium-ion Batteries Sale Price by Type (2020-2025)
- 2.4 High-purity Alumina for Lithium-ion Batteries Segment by Application
 - 2.4.1 Electronics
 - 2.4.2 Automotive
 - 2.4.3 Other
- 2.5 High-purity Alumina for Lithium-ion Batteries Sales by Application
 - 2.5.1 Global High-purity Alumina for Lithium-ion Batteries Sale Market Share by Application (2020-2025)

2.5.2 Global High-purity Alumina for Lithium-ion Batteries Revenue and Market Share by Application (2020-2025)

2.5.3 Global High-purity Alumina for Lithium-ion Batteries Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global High-purity Alumina for Lithium-ion Batteries Breakdown Data by Company

3.1.1 Global High-purity Alumina for Lithium-ion Batteries Annual Sales by Company (2020-2025)

3.1.2 Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Company (2020-2025)

3.2 Global High-purity Alumina for Lithium-ion Batteries Annual Revenue by Company (2020-2025)

3.2.1 Global High-purity Alumina for Lithium-ion Batteries Revenue by Company (2020-2025)

3.2.2 Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Company (2020-2025)

3.3 Global High-purity Alumina for Lithium-ion Batteries Sale Price by Company

3.4 Key Manufacturers High-purity Alumina for Lithium-ion Batteries Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High-purity Alumina for Lithium-ion Batteries Product Location Distribution

3.4.2 Players High-purity Alumina for Lithium-ion Batteries Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HIGH-PURITY ALUMINA FOR LITHIUM-ION BATTERIES BY GEOGRAPHIC REGION

4.1 World Historic High-purity Alumina for Lithium-ion Batteries Market Size by Geographic Region (2020-2025)

4.1.1 Global High-purity Alumina for Lithium-ion Batteries Annual Sales by Geographic Region (2020-2025)

4.1.2 Global High-purity Alumina for Lithium-ion Batteries Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic High-purity Alumina for Lithium-ion Batteries Market Size by Country/Region (2020-2025)

4.2.1 Global High-purity Alumina for Lithium-ion Batteries Annual Sales by Country/Region (2020-2025)

4.2.2 Global High-purity Alumina for Lithium-ion Batteries Annual Revenue by Country/Region (2020-2025)

4.3 Americas High-purity Alumina for Lithium-ion Batteries Sales Growth

4.4 APAC High-purity Alumina for Lithium-ion Batteries Sales Growth

4.5 Europe High-purity Alumina for Lithium-ion Batteries Sales Growth

4.6 Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales Growth

5 AMERICAS

5.1 Americas High-purity Alumina for Lithium-ion Batteries Sales by Country

5.1.1 Americas High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025)

5.1.2 Americas High-purity Alumina for Lithium-ion Batteries Revenue by Country (2020-2025)

5.2 Americas High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025)

5.3 Americas High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC High-purity Alumina for Lithium-ion Batteries Sales by Region

6.1.1 APAC High-purity Alumina for Lithium-ion Batteries Sales by Region (2020-2025)

6.1.2 APAC High-purity Alumina for Lithium-ion Batteries Revenue by Region (2020-2025)

6.2 APAC High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025)

6.3 APAC High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe High-purity Alumina for Lithium-ion Batteries by Country
 - 7.1.1 Europe High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025)
 - 7.1.2 Europe High-purity Alumina for Lithium-ion Batteries Revenue by Country (2020-2025)
- 7.2 Europe High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025)
- 7.3 Europe High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa High-purity Alumina for Lithium-ion Batteries by Country
 - 8.1.1 Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa High-purity Alumina for Lithium-ion Batteries Revenue by Country (2020-2025)
- 8.2 Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025)
- 8.3 Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of High-purity Alumina for Lithium-ion Batteries

10.3 Manufacturing Process Analysis of High-purity Alumina for Lithium-ion Batteries

10.4 Industry Chain Structure of High-purity Alumina for Lithium-ion Batteries

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 High-purity Alumina for Lithium-ion Batteries Distributors

11.3 High-purity Alumina for Lithium-ion Batteries Customer

12 WORLD FORECAST REVIEW FOR HIGH-PURITY ALUMINA FOR LITHIUM-ION BATTERIES BY GEOGRAPHIC REGION

12.1 Global High-purity Alumina for Lithium-ion Batteries Market Size Forecast by Region

12.1.1 Global High-purity Alumina for Lithium-ion Batteries Forecast by Region (2026-2031)

12.1.2 Global High-purity Alumina for Lithium-ion Batteries Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global High-purity Alumina for Lithium-ion Batteries Forecast by Type (2026-2031)

12.7 Global High-purity Alumina for Lithium-ion Batteries Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Sumitomo Chemical

13.1.1 Sumitomo Chemical Company Information

13.1.2 Sumitomo Chemical High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

13.1.3 Sumitomo Chemical High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Sumitomo Chemical Main Business Overview

13.1.5 Sumitomo Chemical Latest Developments

13.2 Sasol

13.2.1 Sasol Company Information

13.2.2 Sasol High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

13.2.3 Sasol High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Sasol Main Business Overview

13.2.5 Sasol Latest Developments

13.3 Nippon Light Metal

13.3.1 Nippon Light Metal Company Information

13.3.2 Nippon Light Metal High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

13.3.3 Nippon Light Metal High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Nippon Light Metal Main Business Overview

13.3.5 Nippon Light Metal Latest Developments

13.4 Baikowski

13.4.1 Baikowski Company Information

13.4.2 Baikowski High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

13.4.3 Baikowski High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Baikowski Main Business Overview

13.4.5 Baikowski Latest Developments

13.5 Altech Chemicals

13.5.1 Altech Chemicals Company Information

13.5.2 Altech Chemicals High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

13.5.3 Altech Chemicals High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Altech Chemicals Main Business Overview

- 13.5.5 Altech Chemicals Latest Developments
- 13.6 Polar Sapphire
 - 13.6.1 Polar Sapphire Company Information
 - 13.6.2 Polar Sapphire High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications
 - 13.6.3 Polar Sapphire High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Polar Sapphire Main Business Overview
 - 13.6.5 Polar Sapphire Latest Developments
- 13.7 Orbite Technologies
 - 13.7.1 Orbite Technologies Company Information
 - 13.7.2 Orbite Technologies High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications
 - 13.7.3 Orbite Technologies High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Orbite Technologies Main Business Overview
 - 13.7.5 Orbite Technologies Latest Developments
- 13.8 Hebei Heng Bo new material Polytron Technologies
 - 13.8.1 Hebei Heng Bo new material Polytron Technologies Company Information
 - 13.8.2 Hebei Heng Bo new material Polytron Technologies High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications
 - 13.8.3 Hebei Heng Bo new material Polytron Technologies High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Hebei Heng Bo new material Polytron Technologies Main Business Overview
 - 13.8.5 Hebei Heng Bo new material Polytron Technologies Latest Developments
- 13.9 Xuan Cheng Jing Rui New Material
 - 13.9.1 Xuan Cheng Jing Rui New Material Company Information
 - 13.9.2 Xuan Cheng Jing Rui New Material High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications
 - 13.9.3 Xuan Cheng Jing Rui New Material High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Xuan Cheng Jing Rui New Material Main Business Overview
 - 13.9.5 Xuan Cheng Jing Rui New Material Latest Developments
- 13.10 Zibo Honghe Chemical
 - 13.10.1 Zibo Honghe Chemical Company Information
 - 13.10.2 Zibo Honghe Chemical High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications
 - 13.10.3 Zibo Honghe Chemical High-purity Alumina for Lithium-ion Batteries Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Zibo Honghe Chemical Main Business Overview

13.10.5 Zibo Honghe Chemical Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. High-purity Alumina for Lithium-ion Batteries Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. High-purity Alumina for Lithium-ion Batteries Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of 4N Grade
- Table 4. Major Players of 5N Grade
- Table 5. Major Players of 6N Grade
- Table 6. Global High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025) & (K MT)
- Table 7. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)
- Table 8. Global High-purity Alumina for Lithium-ion Batteries Revenue by Type (2020-2025) & (\$ million)
- Table 9. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Type (2020-2025)
- Table 10. Global High-purity Alumina for Lithium-ion Batteries Sale Price by Type (2020-2025) & (USD/MT)
- Table 11. Global High-purity Alumina for Lithium-ion Batteries Sale by Application (2020-2025) & (K MT)
- Table 12. Global High-purity Alumina for Lithium-ion Batteries Sale Market Share by Application (2020-2025)
- Table 13. Global High-purity Alumina for Lithium-ion Batteries Revenue by Application (2020-2025) & (\$ million)
- Table 14. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Application (2020-2025)
- Table 15. Global High-purity Alumina for Lithium-ion Batteries Sale Price by Application (2020-2025) & (USD/MT)
- Table 16. Global High-purity Alumina for Lithium-ion Batteries Sales by Company (2020-2025) & (K MT)
- Table 17. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Company (2020-2025)
- Table 18. Global High-purity Alumina for Lithium-ion Batteries Revenue by Company (2020-2025) & (\$ millions)
- Table 19. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Company (2020-2025)

Table 20. Global High-purity Alumina for Lithium-ion Batteries Sale Price by Company (2020-2025) & (USD/MT)

Table 21. Key Manufacturers High-purity Alumina for Lithium-ion Batteries Producing Area Distribution and Sales Area

Table 22. Players High-purity Alumina for Lithium-ion Batteries Products Offered

Table 23. High-purity Alumina for Lithium-ion Batteries Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global High-purity Alumina for Lithium-ion Batteries Sales by Geographic Region (2020-2025) & (K MT)

Table 27. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share Geographic Region (2020-2025)

Table 28. Global High-purity Alumina for Lithium-ion Batteries Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global High-purity Alumina for Lithium-ion Batteries Sales by Country/Region (2020-2025) & (K MT)

Table 31. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country/Region (2020-2025)

Table 32. Global High-purity Alumina for Lithium-ion Batteries Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025) & (K MT)

Table 35. Americas High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country (2020-2025)

Table 36. Americas High-purity Alumina for Lithium-ion Batteries Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025) & (K MT)

Table 38. Americas High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025) & (K MT)

Table 39. APAC High-purity Alumina for Lithium-ion Batteries Sales by Region (2020-2025) & (K MT)

Table 40. APAC High-purity Alumina for Lithium-ion Batteries Sales Market Share by Region (2020-2025)

Table 41. APAC High-purity Alumina for Lithium-ion Batteries Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025) & (K MT)

Table 43. APAC High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025) & (K MT)

Table 44. Europe High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025) & (K MT)

Table 45. Europe High-purity Alumina for Lithium-ion Batteries Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025) & (K MT)

Table 47. Europe High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025) & (K MT)

Table 48. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Country (2020-2025) & (K MT)

Table 49. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Type (2020-2025) & (K MT)

Table 51. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales by Application (2020-2025) & (K MT)

Table 52. Key Market Drivers & Growth Opportunities of High-purity Alumina for Lithium-ion Batteries

Table 53. Key Market Challenges & Risks of High-purity Alumina for Lithium-ion Batteries

Table 54. Key Industry Trends of High-purity Alumina for Lithium-ion Batteries

Table 55. High-purity Alumina for Lithium-ion Batteries Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. High-purity Alumina for Lithium-ion Batteries Distributors List

Table 58. High-purity Alumina for Lithium-ion Batteries Customer List

Table 59. Global High-purity Alumina for Lithium-ion Batteries Sales Forecast by Region (2026-2031) & (K MT)

Table 60. Global High-purity Alumina for Lithium-ion Batteries Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 61. Americas High-purity Alumina for Lithium-ion Batteries Sales Forecast by Country (2026-2031) & (K MT)

Table 62. Americas High-purity Alumina for Lithium-ion Batteries Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 63. APAC High-purity Alumina for Lithium-ion Batteries Sales Forecast by Region (2026-2031) & (K MT)

Table 64. APAC High-purity Alumina for Lithium-ion Batteries Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Europe High-purity Alumina for Lithium-ion Batteries Sales Forecast by Country (2026-2031) & (K MT)

Table 66. Europe High-purity Alumina for Lithium-ion Batteries Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales Forecast by Country (2026-2031) & (K MT)

Table 68. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Global High-purity Alumina for Lithium-ion Batteries Sales Forecast by Type (2026-2031) & (K MT)

Table 70. Global High-purity Alumina for Lithium-ion Batteries Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 71. Global High-purity Alumina for Lithium-ion Batteries Sales Forecast by Application (2026-2031) & (K MT)

Table 72. Global High-purity Alumina for Lithium-ion Batteries Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 73. Sumitomo Chemical Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 74. Sumitomo Chemical High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 75. Sumitomo Chemical High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 76. Sumitomo Chemical Main Business

Table 77. Sumitomo Chemical Latest Developments

Table 78. Sasol Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 79. Sasol High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 80. Sasol High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 81. Sasol Main Business

Table 82. Sasol Latest Developments

Table 83. Nippon Light Metal Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 84. Nippon Light Metal High-purity Alumina for Lithium-ion Batteries Product

Portfolios and Specifications

Table 85. Nippon Light Metal High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 86. Nippon Light Metal Main Business

Table 87. Nippon Light Metal Latest Developments

Table 88. Baikowski Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 89. Baikowski High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 90. Baikowski High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 91. Baikowski Main Business

Table 92. Baikowski Latest Developments

Table 93. Altech Chemicals Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 94. Altech Chemicals High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 95. Altech Chemicals High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 96. Altech Chemicals Main Business

Table 97. Altech Chemicals Latest Developments

Table 98. Polar Sapphire Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 99. Polar Sapphire High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 100. Polar Sapphire High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 101. Polar Sapphire Main Business

Table 102. Polar Sapphire Latest Developments

Table 103. Orbite Technologies Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 104. Orbite Technologies High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 105. Orbite Technologies High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 106. Orbite Technologies Main Business

Table 107. Orbite Technologies Latest Developments

Table 108. Hebei Heng Bo new material Polytron Technologies Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its

Competitors

Table 109. Hebei Heng Bo new material Polytron Technologies High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 110. Hebei Heng Bo new material Polytron Technologies High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 111. Hebei Heng Bo new material Polytron Technologies Main Business

Table 112. Hebei Heng Bo new material Polytron Technologies Latest Developments

Table 113. Xuan Cheng Jing Rui New Material Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 114. Xuan Cheng Jing Rui New Material High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 115. Xuan Cheng Jing Rui New Material High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 116. Xuan Cheng Jing Rui New Material Main Business

Table 117. Xuan Cheng Jing Rui New Material Latest Developments

Table 118. Zibo Honghe Chemical Basic Information, High-purity Alumina for Lithium-ion Batteries Manufacturing Base, Sales Area and Its Competitors

Table 119. Zibo Honghe Chemical High-purity Alumina for Lithium-ion Batteries Product Portfolios and Specifications

Table 120. Zibo Honghe Chemical High-purity Alumina for Lithium-ion Batteries Sales (K MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 121. Zibo Honghe Chemical Main Business

Table 122. Zibo Honghe Chemical Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of High-purity Alumina for Lithium-ion Batteries
- Figure 2. High-purity Alumina for Lithium-ion Batteries Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High-purity Alumina for Lithium-ion Batteries Sales Growth Rate 2020-2031 (K MT)
- Figure 7. Global High-purity Alumina for Lithium-ion Batteries Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. High-purity Alumina for Lithium-ion Batteries Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country/Region (2024)
- Figure 10. High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of 4N Grade
- Figure 12. Product Picture of 5N Grade
- Figure 13. Product Picture of 6N Grade
- Figure 14. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type in 2025
- Figure 15. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Type (2020-2025)
- Figure 16. High-purity Alumina for Lithium-ion Batteries Consumed in Electronics
- Figure 17. Global High-purity Alumina for Lithium-ion Batteries Market: Electronics (2020-2025) & (K MT)
- Figure 18. High-purity Alumina for Lithium-ion Batteries Consumed in Automotive
- Figure 19. Global High-purity Alumina for Lithium-ion Batteries Market: Automotive (2020-2025) & (K MT)
- Figure 20. High-purity Alumina for Lithium-ion Batteries Consumed in Other
- Figure 21. Global High-purity Alumina for Lithium-ion Batteries Market: Other (2020-2025) & (K MT)
- Figure 22. Global High-purity Alumina for Lithium-ion Batteries Sale Market Share by Application (2024)
- Figure 23. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Application in 2025

Figure 24. High-purity Alumina for Lithium-ion Batteries Sales by Company in 2025 (K MT)

Figure 25. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Company in 2025

Figure 26. High-purity Alumina for Lithium-ion Batteries Revenue by Company in 2025 (\$ millions)

Figure 27. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Company in 2025

Figure 28. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share by Geographic Region (2020-2025)

Figure 29. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Geographic Region in 2025

Figure 30. Americas High-purity Alumina for Lithium-ion Batteries Sales 2020-2025 (K MT)

Figure 31. Americas High-purity Alumina for Lithium-ion Batteries Revenue 2020-2025 (\$ millions)

Figure 32. APAC High-purity Alumina for Lithium-ion Batteries Sales 2020-2025 (K MT)

Figure 33. APAC High-purity Alumina for Lithium-ion Batteries Revenue 2020-2025 (\$ millions)

Figure 34. Europe High-purity Alumina for Lithium-ion Batteries Sales 2020-2025 (K MT)

Figure 35. Europe High-purity Alumina for Lithium-ion Batteries Revenue 2020-2025 (\$ millions)

Figure 36. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales 2020-2025 (K MT)

Figure 37. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Revenue 2020-2025 (\$ millions)

Figure 38. Americas High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country in 2025

Figure 39. Americas High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Country (2020-2025)

Figure 40. Americas High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)

Figure 41. Americas High-purity Alumina for Lithium-ion Batteries Sales Market Share by Application (2020-2025)

Figure 42. United States High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 43. Canada High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 44. Mexico High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 45. Brazil High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 46. APAC High-purity Alumina for Lithium-ion Batteries Sales Market Share by Region in 2025

Figure 47. APAC High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Region (2020-2025)

Figure 48. APAC High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)

Figure 49. APAC High-purity Alumina for Lithium-ion Batteries Sales Market Share by Application (2020-2025)

Figure 50. China High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 51. Japan High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 52. South Korea High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 53. Southeast Asia High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 54. India High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 55. Australia High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 56. China Taiwan High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 57. Europe High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country in 2025

Figure 58. Europe High-purity Alumina for Lithium-ion Batteries Revenue Market Share by Country (2020-2025)

Figure 59. Europe High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)

Figure 60. Europe High-purity Alumina for Lithium-ion Batteries Sales Market Share by Application (2020-2025)

Figure 61. Germany High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 62. France High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 63. UK High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025

(\$ millions)

Figure 64. Italy High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 65. Russia High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 66. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales Market Share by Country (2020-2025)

Figure 67. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales Market Share by Type (2020-2025)

Figure 68. Middle East & Africa High-purity Alumina for Lithium-ion Batteries Sales Market Share by Application (2020-2025)

Figure 69. Egypt High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 70. South Africa High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 71. Israel High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 72. Turkey High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 73. GCC Countries High-purity Alumina for Lithium-ion Batteries Revenue Growth 2020-2025 (\$ millions)

Figure 74. Manufacturing Cost Structure Analysis of High-purity Alumina for Lithium-ion Batteries in 2025

Figure 75. Manufacturing Process Analysis of High-purity Alumina for Lithium-ion Batteries

Figure 76. Industry Chain Structure of High-purity Alumina for Lithium-ion Batteries

Figure 77. Channels of Distribution

Figure 78. Global High-purity Alumina for Lithium-ion Batteries Sales Market Forecast by Region (2026-2031)

Figure 79. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share Forecast by Region (2026-2031)

Figure 80. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share Forecast by Type (2026-2031)

Figure 81. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share Forecast by Type (2026-2031)

Figure 82. Global High-purity Alumina for Lithium-ion Batteries Sales Market Share Forecast by Application (2026-2031)

Figure 83. Global High-purity Alumina for Lithium-ion Batteries Revenue Market Share Forecast by Application (2026-2031)

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