

Global Silicon-Carbon Coated Anode Material Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G24372CEBAD6EN.html>

Date: June 2026

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G24372CEBAD6EN

Abstracts

According to our (Global Info Research) latest study, the global Silicon-Carbon Coated Anode Material market size was valued at US\$ 252 million in 2025 and is forecast to a readjusted size of US\$ 689 million by 2032 with a CAGR of 15.6% during review period.

Silicon-Carbon Coated Anode Material is an advanced lithium-ion battery anode material designed by applying carbon coating technology to silicon-carbon active particles, improving conductivity, suppressing interfacial side reactions, and buffering silicon volume expansion during repeated charge and discharge cycles. It is mainly used in battery applications requiring higher charging efficiency, high specific capacity, and stable cycle performance while maintaining safety and durability. Its advantages include high specific capacity, strong charge acceptance, excellent rate performance, and long cycle life. In 2025, the industry's capacity utilization rate reached 80% and the average gross margin was approximately 30%. In 2025, production totaled 12,564 tons and the average price was USD 19,500 per ton. Upstream, metallurgical silicon, silane, graphite, and porous carbon are the core raw materials, with representative suppliers including Elkem, Hemlock, and East Hope Group ensuring stable material supply and quality consistency. The midstream segment mainly covers silicon-carbon particle coating, carbon layer structure optimization, material blending, coating process control, and particle size regulation to improve electrochemical kinetics, interface stability, and structural durability. Downstream applications are mainly in automotive and consumer electronics lithium-ion batteries, with representative customers including CATL, BYD, Samsung, and LG Energy Solution.

Silicon-Carbon Coated Anode Material will be increasingly used in high-energy lithium-ion batteries for electric vehicles, premium consumer electronics, and fast-charging

battery systems. Its application value comes from using carbon coating to improve conductivity, reduce interfacial side reactions, and buffer silicon volume expansion during cycling. As battery manufacturers pursue higher energy density and better charging performance, material adoption will depend on coating uniformity, particle stability, cycle retention, and compatibility with existing electrode manufacturing processes. Future development will be shaped by fast-charging platforms, high-capacity battery designs, and demand for more stable silicon-based anode systems.

This report is a detailed and comprehensive analysis for global Silicon-Carbon Coated Anode Material market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Silicon-Carbon Coated Anode Material market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Silicon-Carbon Coated Anode Material market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Silicon-Carbon Coated Anode Material market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Silicon-Carbon Coated Anode Material market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Silicon-Carbon Coated Anode Material

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Silicon-Carbon Coated Anode Material market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Group14 Technologies (USA), Sila Nanotechnologies (USA), Amprius (USA), Zhide Battery (China), Nexeon (UK), Ningbo Shanshan (China), Putailai (China), BTR New Material Group (China), SG Nano (China), Tianmulake Excellent Anode Materials Co (China), etc.

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

Market Segmentation

Silicon-Carbon Coated Anode Material market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

D10

D50

D90

Others

Market segment by Method

Mechanical Ball Milling

Chemical Vapor Deposition(CVD)

Others

Market segment by Specific Capacity

Specific Capacity ? 1000mAh/g

Specific Capacity ? 1000mAh/g

Market segment by Application

Power Battery

Consumer Battery

Others

Major players covered

Group14 Technologies (USA)

Sila Nanotechnologies (USA)

Amprius (USA)

Zhide Battery (China)

Nexeon (UK)

Ningbo Shanshan (China)

Putailai (China)

BTR New Material Group (China)

SG Nano (China)

Tianmulake Excellent Anode Materials Co (China)

Shin Etsu Chemical (Japan)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Silicon-Carbon Coated Anode Material product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Silicon-Carbon Coated Anode Material, with price, sales quantity, revenue, and global market share of Silicon-Carbon Coated Anode Material from 2021 to 2026.

Chapter 3, the Silicon-Carbon Coated Anode Material competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Silicon-Carbon Coated Anode Material breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market

share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Silicon-Carbon Coated Anode Material market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Silicon-Carbon Coated Anode Material.

Chapter 14 and 15, to describe Silicon-Carbon Coated Anode Material sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Silicon-Carbon Coated Anode Material Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 D10

1.3.3 D50

1.3.4 D90

1.3.5 Others

1.4 Market Analysis by Method

1.4.1 Overview: Global Silicon-Carbon Coated Anode Material Consumption Value by Method: 2021 Versus 2025 Versus 2032

1.4.2 Mechanical Ball Milling

1.4.3 Chemical Vapor Deposition(CVD)

1.4.4 Others

1.5 Market Analysis by Specific Capacity

1.5.1 Overview: Global Silicon-Carbon Coated Anode Material Consumption Value by Specific Capacity: 2021 Versus 2025 Versus 2032

1.5.2 Specific Capacity ? 1000mAh/g

1.5.3 Specific Capacity ? 1000mAh/g

1.6 Market Analysis by Application

1.6.1 Overview: Global Silicon-Carbon Coated Anode Material Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Power Battery

1.6.3 Consumer Battery

1.6.4 Others

1.7 Global Silicon-Carbon Coated Anode Material Market Size & Forecast

1.7.1 Global Silicon-Carbon Coated Anode Material Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Silicon-Carbon Coated Anode Material Sales Quantity (2021-2032)

1.7.3 Global Silicon-Carbon Coated Anode Material Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Group14 Technologies (USA)

- 2.1.1 Group14 Technologies (USA) Details
- 2.1.2 Group14 Technologies (USA) Major Business
- 2.1.3 Group14 Technologies (USA) Silicon-Carbon Coated Anode Material Product and Services
- 2.1.4 Group14 Technologies (USA) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Group14 Technologies (USA) Recent Developments/Updates
- 2.2 Sila Nanotechnologies (USA)
 - 2.2.1 Sila Nanotechnologies (USA) Details
 - 2.2.2 Sila Nanotechnologies (USA) Major Business
 - 2.2.3 Sila Nanotechnologies (USA) Silicon-Carbon Coated Anode Material Product and Services
 - 2.2.4 Sila Nanotechnologies (USA) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Sila Nanotechnologies (USA) Recent Developments/Updates
- 2.3 Amprius (USA)
 - 2.3.1 Amprius (USA) Details
 - 2.3.2 Amprius (USA) Major Business
 - 2.3.3 Amprius (USA) Silicon-Carbon Coated Anode Material Product and Services
 - 2.3.4 Amprius (USA) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Amprius (USA) Recent Developments/Updates
- 2.4 Zhide Battery (China)
 - 2.4.1 Zhide Battery (China) Details
 - 2.4.2 Zhide Battery (China) Major Business
 - 2.4.3 Zhide Battery (China) Silicon-Carbon Coated Anode Material Product and Services
 - 2.4.4 Zhide Battery (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Zhide Battery (China) Recent Developments/Updates
- 2.5 Nexeon (UK)
 - 2.5.1 Nexeon (UK) Details
 - 2.5.2 Nexeon (UK) Major Business
 - 2.5.3 Nexeon (UK) Silicon-Carbon Coated Anode Material Product and Services
 - 2.5.4 Nexeon (UK) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Nexeon (UK) Recent Developments/Updates
- 2.6 Ningbo Shanshan (China)
 - 2.6.1 Ningbo Shanshan (China) Details

- 2.6.2 Ningbo Shanshan (China) Major Business
- 2.6.3 Ningbo Shanshan (China) Silicon-Carbon Coated Anode Material Product and Services
- 2.6.4 Ningbo Shanshan (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 Ningbo Shanshan (China) Recent Developments/Updates
- 2.7 Putailai (China)
 - 2.7.1 Putailai (China) Details
 - 2.7.2 Putailai (China) Major Business
 - 2.7.3 Putailai (China) Silicon-Carbon Coated Anode Material Product and Services
 - 2.7.4 Putailai (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 Putailai (China) Recent Developments/Updates
- 2.8 BTR New Material Group (China)
 - 2.8.1 BTR New Material Group (China) Details
 - 2.8.2 BTR New Material Group (China) Major Business
 - 2.8.3 BTR New Material Group (China) Silicon-Carbon Coated Anode Material Product and Services
 - 2.8.4 BTR New Material Group (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 BTR New Material Group (China) Recent Developments/Updates
- 2.9 SG Nano (China)
 - 2.9.1 SG Nano (China) Details
 - 2.9.2 SG Nano (China) Major Business
 - 2.9.3 SG Nano (China) Silicon-Carbon Coated Anode Material Product and Services
 - 2.9.4 SG Nano (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 SG Nano (China) Recent Developments/Updates
- 2.10 Tianmulake Excellent Anode Materials Co (China)
 - 2.10.1 Tianmulake Excellent Anode Materials Co (China) Details
 - 2.10.2 Tianmulake Excellent Anode Materials Co (China) Major Business
 - 2.10.3 Tianmulake Excellent Anode Materials Co (China) Silicon-Carbon Coated Anode Material Product and Services
 - 2.10.4 Tianmulake Excellent Anode Materials Co (China) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Tianmulake Excellent Anode Materials Co (China) Recent Developments/Updates
- 2.11 Shin Etsu Chemical (Japan)

- 2.11.1 Shin Etsu Chemical (Japan) Details
- 2.11.2 Shin Etsu Chemical (Japan) Major Business
- 2.11.3 Shin Etsu Chemical (Japan) Silicon-Carbon Coated Anode Material Product and Services
- 2.11.4 Shin Etsu Chemical (Japan) Silicon-Carbon Coated Anode Material Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.11.5 Shin Etsu Chemical (Japan) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SILICON-CARBON COATED ANODE MATERIAL BY MANUFACTURER

- 3.1 Global Silicon-Carbon Coated Anode Material Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Silicon-Carbon Coated Anode Material Revenue by Manufacturer (2021-2026)
- 3.3 Global Silicon-Carbon Coated Anode Material Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Silicon-Carbon Coated Anode Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Silicon-Carbon Coated Anode Material Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Silicon-Carbon Coated Anode Material Manufacturer Market Share in 2025
- 3.5 Silicon-Carbon Coated Anode Material Market: Overall Company Footprint Analysis
 - 3.5.1 Silicon-Carbon Coated Anode Material Market: Region Footprint
 - 3.5.2 Silicon-Carbon Coated Anode Material Market: Company Product Type Footprint
 - 3.5.3 Silicon-Carbon Coated Anode Material Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Silicon-Carbon Coated Anode Material Market Size by Region
 - 4.1.1 Global Silicon-Carbon Coated Anode Material Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Silicon-Carbon Coated Anode Material Consumption Value by Region (2021-2032)
 - 4.1.3 Global Silicon-Carbon Coated Anode Material Average Price by Region (2021-2032)

4.2 North America Silicon-Carbon Coated Anode Material Consumption Value (2021-2032)

4.3 Europe Silicon-Carbon Coated Anode Material Consumption Value (2021-2032)

4.4 Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value (2021-2032)

4.5 South America Silicon-Carbon Coated Anode Material Consumption Value (2021-2032)

4.6 Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

5.2 Global Silicon-Carbon Coated Anode Material Consumption Value by Type (2021-2032)

5.3 Global Silicon-Carbon Coated Anode Material Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

6.2 Global Silicon-Carbon Coated Anode Material Consumption Value by Application (2021-2032)

6.3 Global Silicon-Carbon Coated Anode Material Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

7.2 North America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

7.3 North America Silicon-Carbon Coated Anode Material Market Size by Country

7.3.1 North America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2032)

7.3.2 North America Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

8.2 Europe Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

8.3 Europe Silicon-Carbon Coated Anode Material Market Size by Country

8.3.1 Europe Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2032)

8.3.2 Europe Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Silicon-Carbon Coated Anode Material Market Size by Region

9.3.1 Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

10.2 South America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

10.3 South America Silicon-Carbon Coated Anode Material Market Size by Country

10.3.1 South America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2032)

10.3.2 South America Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Silicon-Carbon Coated Anode Material Market Size by Country

11.3.1 Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Silicon-Carbon Coated Anode Material Market Drivers

12.2 Silicon-Carbon Coated Anode Material Market Restraints

12.3 Silicon-Carbon Coated Anode Material Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Silicon-Carbon Coated Anode Material and Key Manufacturers

13.2 Manufacturing Costs Percentage of Silicon-Carbon Coated Anode Material

13.3 Silicon-Carbon Coated Anode Material Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Silicon-Carbon Coated Anode Material Typical Distributors

14.3 Silicon-Carbon Coated Anode Material Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Silicon-Carbon Coated Anode Material Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Silicon-Carbon Coated Anode Material Consumption Value by Method, (USD Million), 2021 & 2025 & 2032

Table 3. Global Silicon-Carbon Coated Anode Material Consumption Value by Specific Capacity, (USD Million), 2021 & 2025 & 2032

Table 4. Global Silicon-Carbon Coated Anode Material Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Group14 Technologies (USA) Basic Information, Manufacturing Base and Competitors

Table 6. Group14 Technologies (USA) Major Business

Table 7. Group14 Technologies (USA) Silicon-Carbon Coated Anode Material Product and Services

Table 8. Group14 Technologies (USA) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Group14 Technologies (USA) Recent Developments/Updates

Table 10. Sila Nanotechnologies (USA) Basic Information, Manufacturing Base and Competitors

Table 11. Sila Nanotechnologies (USA) Major Business

Table 12. Sila Nanotechnologies (USA) Silicon-Carbon Coated Anode Material Product and Services

Table 13. Sila Nanotechnologies (USA) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Sila Nanotechnologies (USA) Recent Developments/Updates

Table 15. Amprius (USA) Basic Information, Manufacturing Base and Competitors

Table 16. Amprius (USA) Major Business

Table 17. Amprius (USA) Silicon-Carbon Coated Anode Material Product and Services

Table 18. Amprius (USA) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Amprius (USA) Recent Developments/Updates

Table 20. Zhide Battery (China) Basic Information, Manufacturing Base and Competitors

Table 21. Zhide Battery (China) Major Business

Table 22. Zhide Battery (China) Silicon-Carbon Coated Anode Material Product and Services

Table 23. Zhide Battery (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Zhide Battery (China) Recent Developments/Updates

Table 25. Nexeon (UK) Basic Information, Manufacturing Base and Competitors

Table 26. Nexeon (UK) Major Business

Table 27. Nexeon (UK) Silicon-Carbon Coated Anode Material Product and Services

Table 28. Nexeon (UK) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Nexeon (UK) Recent Developments/Updates

Table 30. Ningbo Shanshan (China) Basic Information, Manufacturing Base and Competitors

Table 31. Ningbo Shanshan (China) Major Business

Table 32. Ningbo Shanshan (China) Silicon-Carbon Coated Anode Material Product and Services

Table 33. Ningbo Shanshan (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Ningbo Shanshan (China) Recent Developments/Updates

Table 35. Putailai (China) Basic Information, Manufacturing Base and Competitors

Table 36. Putailai (China) Major Business

Table 37. Putailai (China) Silicon-Carbon Coated Anode Material Product and Services

Table 38. Putailai (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Putailai (China) Recent Developments/Updates

Table 40. BTR New Material Group (China) Basic Information, Manufacturing Base and Competitors

Table 41. BTR New Material Group (China) Major Business

Table 42. BTR New Material Group (China) Silicon-Carbon Coated Anode Material Product and Services

Table 43. BTR New Material Group (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. BTR New Material Group (China) Recent Developments/Updates

Table 45. SG Nano (China) Basic Information, Manufacturing Base and Competitors

Table 46. SG Nano (China) Major Business

Table 47. SG Nano (China) Silicon-Carbon Coated Anode Material Product and Services

Table 48. SG Nano (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. SG Nano (China) Recent Developments/Updates

Table 50. Tianmulake Excellent Anode Materials Co (China) Basic Information, Manufacturing Base and Competitors

Table 51. Tianmulake Excellent Anode Materials Co (China) Major Business

Table 52. Tianmulake Excellent Anode Materials Co (China) Silicon-Carbon Coated Anode Material Product and Services

Table 53. Tianmulake Excellent Anode Materials Co (China) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Tianmulake Excellent Anode Materials Co (China) Recent Developments/Updates

Table 55. Shin Etsu Chemical (Japan) Basic Information, Manufacturing Base and Competitors

Table 56. Shin Etsu Chemical (Japan) Major Business

Table 57. Shin Etsu Chemical (Japan) Silicon-Carbon Coated Anode Material Product and Services

Table 58. Shin Etsu Chemical (Japan) Silicon-Carbon Coated Anode Material Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Shin Etsu Chemical (Japan) Recent Developments/Updates

Table 60. Global Silicon-Carbon Coated Anode Material Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 61. Global Silicon-Carbon Coated Anode Material Revenue by Manufacturer (2021-2026) & (USD Million)

Table 62. Global Silicon-Carbon Coated Anode Material Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 63. Market Position of Manufacturers in Silicon-Carbon Coated Anode Material, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 64. Head Office and Silicon-Carbon Coated Anode Material Production Site of Key Manufacturer

Table 65. Silicon-Carbon Coated Anode Material Market: Company Product Type Footprint

Table 66. Silicon-Carbon Coated Anode Material Market: Company Product Application Footprint

Table 67. Silicon-Carbon Coated Anode Material New Market Entrants and Barriers to Market Entry

Table 68. Silicon-Carbon Coated Anode Material Mergers, Acquisition, Agreements, and Collaborations

Table 69. Global Silicon-Carbon Coated Anode Material Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 70. Global Silicon-Carbon Coated Anode Material Sales Quantity by Region (2021-2026) & (Tons)

Table 71. Global Silicon-Carbon Coated Anode Material Sales Quantity by Region (2027-2032) & (Tons)

Table 72. Global Silicon-Carbon Coated Anode Material Consumption Value by Region (2021-2026) & (USD Million)

Table 73. Global Silicon-Carbon Coated Anode Material Consumption Value by Region (2027-2032) & (USD Million)

Table 74. Global Silicon-Carbon Coated Anode Material Average Price by Region (2021-2026) & (US\$/Ton)

Table 75. Global Silicon-Carbon Coated Anode Material Average Price by Region (2027-2032) & (US\$/Ton)

Table 76. Global Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 77. Global Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 78. Global Silicon-Carbon Coated Anode Material Consumption Value by Type (2021-2026) & (USD Million)

Table 79. Global Silicon-Carbon Coated Anode Material Consumption Value by Type (2027-2032) & (USD Million)

Table 80. Global Silicon-Carbon Coated Anode Material Average Price by Type (2021-2026) & (US\$/Ton)

Table 81. Global Silicon-Carbon Coated Anode Material Average Price by Type (2027-2032) & (US\$/Ton)

Table 82. Global Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 83. Global Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 84. Global Silicon-Carbon Coated Anode Material Consumption Value by Application (2021-2026) & (USD Million)

Table 85. Global Silicon-Carbon Coated Anode Material Consumption Value by

Application (2027-2032) & (USD Million)

Table 86. Global Silicon-Carbon Coated Anode Material Average Price by Application (2021-2026) & (US\$/Ton)

Table 87. Global Silicon-Carbon Coated Anode Material Average Price by Application (2027-2032) & (US\$/Ton)

Table 88. North America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 89. North America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 90. North America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 91. North America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 92. North America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2026) & (Tons)

Table 93. North America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2027-2032) & (Tons)

Table 94. North America Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2026) & (USD Million)

Table 95. North America Silicon-Carbon Coated Anode Material Consumption Value by Country (2027-2032) & (USD Million)

Table 96. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 97. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 98. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 99. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 100. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2026) & (Tons)

Table 101. Europe Silicon-Carbon Coated Anode Material Sales Quantity by Country (2027-2032) & (Tons)

Table 102. Europe Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2026) & (USD Million)

Table 103. Europe Silicon-Carbon Coated Anode Material Consumption Value by Country (2027-2032) & (USD Million)

Table 104. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 105. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 106. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 107. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 108. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Region (2021-2026) & (Tons)

Table 109. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity by Region (2027-2032) & (Tons)

Table 110. Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value by Region (2021-2026) & (USD Million)

Table 111. Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value by Region (2027-2032) & (USD Million)

Table 112. South America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 113. South America Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 114. South America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 115. South America Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 116. South America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2021-2026) & (Tons)

Table 117. South America Silicon-Carbon Coated Anode Material Sales Quantity by Country (2027-2032) & (Tons)

Table 118. South America Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2026) & (USD Million)

Table 119. South America Silicon-Carbon Coated Anode Material Consumption Value by Country (2027-2032) & (USD Million)

Table 120. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Type (2021-2026) & (Tons)

Table 121. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Type (2027-2032) & (Tons)

Table 122. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Application (2021-2026) & (Tons)

Table 123. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Application (2027-2032) & (Tons)

Table 124. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity

by Country (2021-2026) & (Tons)

Table 125. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity by Country (2027-2032) & (Tons)

Table 126. Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value by Country (2021-2026) & (USD Million)

Table 127. Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value by Country (2027-2032) & (USD Million)

Table 128. Silicon-Carbon Coated Anode Material Raw Material

Table 129. Key Manufacturers of Silicon-Carbon Coated Anode Material Raw Materials

Table 130. Silicon-Carbon Coated Anode Material Typical Distributors

Table 131. Silicon-Carbon Coated Anode Material Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Silicon-Carbon Coated Anode Material Picture
- Figure 2. Global Silicon-Carbon Coated Anode Material Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Type in 2025
- Figure 4. D10 Examples
- Figure 5. D50 Examples
- Figure 6. D90 Examples
- Figure 7. Others Examples
- Figure 8. Global Silicon-Carbon Coated Anode Material Revenue by Method, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Method in 2025
- Figure 10. Mechanical Ball Milling Examples
- Figure 11. Chemical Vapor Deposition(CVD) Examples
- Figure 12. Others Examples
- Figure 13. Global Silicon-Carbon Coated Anode Material Revenue by Specific Capacity, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Specific Capacity in 2025
- Figure 15. Specific Capacity ? 1000mAh/g Examples
- Figure 16. Specific Capacity ? 1000mAh/g Examples
- Figure 17. Global Silicon-Carbon Coated Anode Material Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Application in 2025
- Figure 19. Power Battery Examples
- Figure 20. Consumer Battery Examples
- Figure 21. Others Examples
- Figure 22. Global Silicon-Carbon Coated Anode Material Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 23. Global Silicon-Carbon Coated Anode Material Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 24. Global Silicon-Carbon Coated Anode Material Sales Quantity (2021-2032) & (Tons)

Figure 25. Global Silicon-Carbon Coated Anode Material Price (2021-2032) & (US\$/Ton)

Figure 26. Global Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Manufacturer in 2025

Figure 27. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Manufacturer in 2025

Figure 28. Producer Shipments of Silicon-Carbon Coated Anode Material by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 29. Top 3 Silicon-Carbon Coated Anode Material Manufacturer (Revenue) Market Share in 2025

Figure 30. Top 6 Silicon-Carbon Coated Anode Material Manufacturer (Revenue) Market Share in 2025

Figure 31. Global Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Region (2021-2032)

Figure 32. Global Silicon-Carbon Coated Anode Material Consumption Value Market Share by Region (2021-2032)

Figure 33. North America Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 34. Europe Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 35. Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 36. South America Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 37. Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 38. Global Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Type (2021-2032)

Figure 39. Global Silicon-Carbon Coated Anode Material Consumption Value Market Share by Type (2021-2032)

Figure 40. Global Silicon-Carbon Coated Anode Material Average Price by Type (2021-2032) & (US\$/Ton)

Figure 41. Global Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)

Figure 42. Global Silicon-Carbon Coated Anode Material Revenue Market Share by Application (2021-2032)

Figure 43. Global Silicon-Carbon Coated Anode Material Average Price by Application (2021-2032) & (US\$/Ton)

Figure 44. North America Silicon-Carbon Coated Anode Material Sales Quantity Market

Share by Type (2021-2032)

Figure 45. North America Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)

Figure 46. North America Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Country (2021-2032)

Figure 47. North America Silicon-Carbon Coated Anode Material Consumption Value Market Share by Country (2021-2032)

Figure 48. United States Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 49. Canada Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 50. Mexico Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 51. Europe Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Type (2021-2032)

Figure 52. Europe Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)

Figure 53. Europe Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Country (2021-2032)

Figure 54. Europe Silicon-Carbon Coated Anode Material Consumption Value Market Share by Country (2021-2032)

Figure 55. Germany Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 56. France Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 57. United Kingdom Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 58. Russia Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 59. Italy Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)

Figure 60. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Type (2021-2032)

Figure 61. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)

Figure 62. Asia-Pacific Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Region (2021-2032)

Figure 63. Asia-Pacific Silicon-Carbon Coated Anode Material Consumption Value Market Share by Region (2021-2032)

- Figure 64. China Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 65. Japan Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 66. South Korea Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 67. India Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 68. Southeast Asia Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 69. Australia Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 70. South America Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Type (2021-2032)
- Figure 71. South America Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)
- Figure 72. South America Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Country (2021-2032)
- Figure 73. South America Silicon-Carbon Coated Anode Material Consumption Value Market Share by Country (2021-2032)
- Figure 74. Brazil Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 75. Argentina Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 76. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Type (2021-2032)
- Figure 77. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Application (2021-2032)
- Figure 78. Middle East & Africa Silicon-Carbon Coated Anode Material Sales Quantity Market Share by Country (2021-2032)
- Figure 79. Middle East & Africa Silicon-Carbon Coated Anode Material Consumption Value Market Share by Country (2021-2032)
- Figure 80. Turkey Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 81. Egypt Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 82. Saudi Arabia Silicon-Carbon Coated Anode Material Consumption Value (2021-2032) & (USD Million)
- Figure 83. South Africa Silicon-Carbon Coated Anode Material Consumption Value

(2021-2032) & (USD Million)

Figure 84. Silicon-Carbon Coated Anode Material Market Drivers

Figure 85. Silicon-Carbon Coated Anode Material Market Restraints

Figure 86. Silicon-Carbon Coated Anode Material Market Trends

Figure 87. Porters Five Forces Analysis

Figure 88. Manufacturing Cost Structure Analysis of Silicon-Carbon Coated Anode Material in 2025

Figure 89. Manufacturing Process Analysis of Silicon-Carbon Coated Anode Material

Figure 90. Silicon-Carbon Coated Anode Material Industrial Chain

Figure 91. Sales Channel: Direct to End-User vs Distributors

Figure 92. Direct Channel Pros & Cons

Figure 93. Indirect Channel Pros & Cons

Figure 94. Methodology

Figure 95. Research Process and Data Source

I would like to order

Product name: Global Silicon-Carbon Coated Anode Material Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G24372CEBAD6EN.html>

Price: US\$ 3,480.00 (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/G24372CEBAD6EN.html>