

Global Silicon Based Negative Material Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GEA51D85E5A7EN.html>

Date: July 2024

Pages: 146

Price: US\$ 3,200.00 (Single User License)

ID: GEA51D85E5A7EN

Abstracts

Report Overview:

Silicon has been recognized as a one of the most promising anode materials to replace currently used graphite in the anodes of Li-ion batteries due to its high gravimetric theoretical lithium storage capacity. Fast charging is feasible due to the high porosity inherent to silicon anode solutions, while costs can be reduced because of silicon materials' high capacity, which results in lower material requirements. Silicon anodes are also considered safer because they help reduce the risk of lithium plating and dendrite formation, even though cycle and calendar life may need to be further demonstrated.

The Global Silicon Based Negative Material Market Size was estimated at USD 521.88 million in 2023 and is projected to reach USD 4260.53 million by 2029, exhibiting a CAGR of 41.90% during the forecast period.

This report provides a deep insight into the global Silicon Based Negative Material market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Silicon Based Negative Material Market, this report introduces in detail the

market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Silicon Based Negative Material market in any manner.

Global Silicon Based Negative Material Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

BTR New Material Group

Shin-Etsu

Daejoo Electronic Materials

Tianmulake Excellent Anode Materials

Gotion

Posco Chemical

Group14

Showa Denko

Amprius

Shandong Shida Shenghua Group

Guangdong Kaijin New Energy Technology

Guibao Science and Technology

Ningbo Shanshan

Shanghai Pu Tailai New Energy Technology

Shenzhen City Cheung Fenghua Technology

Jereh Group

Nexeon

Zhengtuo New Energy Technology

Market Segmentation (by Type)

Silicon Oxygen Negative Material

Silicon Carbon Negative Material

Others

Market Segmentation (by Application)

Power Tools

Power Battery

Consumer Electronics

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-

Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Silicon Based Negative Material Market

Overview of the regional outlook of the Silicon Based Negative Material Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Silicon Based Negative Material Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share,

product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Silicon Based Negative Material

1.2 Key Market Segments

1.2.1 Silicon Based Negative Material Segment by Type

1.2.2 Silicon Based Negative Material Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 SILICON BASED NEGATIVE MATERIAL MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Silicon Based Negative Material Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Silicon Based Negative Material Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 SILICON BASED NEGATIVE MATERIAL MARKET COMPETITIVE LANDSCAPE

3.1 Global Silicon Based Negative Material Sales by Manufacturers (2019-2024)

3.2 Global Silicon Based Negative Material Revenue Market Share by Manufacturers (2019-2024)

3.3 Silicon Based Negative Material Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Silicon Based Negative Material Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Silicon Based Negative Material Sales Sites, Area Served, Product Type

3.6 Silicon Based Negative Material Market Competitive Situation and Trends

3.6.1 Silicon Based Negative Material Market Concentration Rate

3.6.2 Global 5 and 10 Largest Silicon Based Negative Material Players Market Share

by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 SILICON BASED NEGATIVE MATERIAL INDUSTRY CHAIN ANALYSIS

4.1 Silicon Based Negative Material Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SILICON BASED NEGATIVE MATERIAL MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 SILICON BASED NEGATIVE MATERIAL MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Silicon Based Negative Material Sales Market Share by Type (2019-2024)

6.3 Global Silicon Based Negative Material Market Size Market Share by Type (2019-2024)

6.4 Global Silicon Based Negative Material Price by Type (2019-2024)

7 SILICON BASED NEGATIVE MATERIAL MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Silicon Based Negative Material Market Sales by Application (2019-2024)

7.3 Global Silicon Based Negative Material Market Size (M USD) by Application (2019-2024)

7.4 Global Silicon Based Negative Material Sales Growth Rate by Application (2019-2024)

8 SILICON BASED NEGATIVE MATERIAL MARKET SEGMENTATION BY REGION

8.1 Global Silicon Based Negative Material Sales by Region

8.1.1 Global Silicon Based Negative Material Sales by Region

8.1.2 Global Silicon Based Negative Material Sales Market Share by Region

8.2 North America

8.2.1 North America Silicon Based Negative Material Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Silicon Based Negative Material Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Silicon Based Negative Material Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Silicon Based Negative Material Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Silicon Based Negative Material Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 BTR New Material Group

9.1.1 BTR New Material Group Silicon Based Negative Material Basic Information

9.1.2 BTR New Material Group Silicon Based Negative Material Product Overview

9.1.3 BTR New Material Group Silicon Based Negative Material Product Market Performance

9.1.4 BTR New Material Group Business Overview

9.1.5 BTR New Material Group Silicon Based Negative Material SWOT Analysis

9.1.6 BTR New Material Group Recent Developments

9.2 Shin-Etsu

9.2.1 Shin-Etsu Silicon Based Negative Material Basic Information

9.2.2 Shin-Etsu Silicon Based Negative Material Product Overview

9.2.3 Shin-Etsu Silicon Based Negative Material Product Market Performance

9.2.4 Shin-Etsu Business Overview

9.2.5 Shin-Etsu Silicon Based Negative Material SWOT Analysis

9.2.6 Shin-Etsu Recent Developments

9.3 Daejoo Electronic Materials

9.3.1 Daejoo Electronic Materials Silicon Based Negative Material Basic Information

9.3.2 Daejoo Electronic Materials Silicon Based Negative Material Product Overview

9.3.3 Daejoo Electronic Materials Silicon Based Negative Material Product Market Performance

9.3.4 Daejoo Electronic Materials Silicon Based Negative Material SWOT Analysis

9.3.5 Daejoo Electronic Materials Business Overview

9.3.6 Daejoo Electronic Materials Recent Developments

9.4 Tianmulake Excellent Anode Materials

9.4.1 Tianmulake Excellent Anode Materials Silicon Based Negative Material Basic Information

9.4.2 Tianmulake Excellent Anode Materials Silicon Based Negative Material Product Overview

9.4.3 Tianmulake Excellent Anode Materials Silicon Based Negative Material Product Market Performance

9.4.4 Tianmulake Excellent Anode Materials Business Overview

9.4.5 Tianmulake Excellent Anode Materials Recent Developments

9.5 Gotion

9.5.1 Gotion Silicon Based Negative Material Basic Information

9.5.2 Gotion Silicon Based Negative Material Product Overview

9.5.3 Gotion Silicon Based Negative Material Product Market Performance

- 9.5.4 Gotion Business Overview
- 9.5.5 Gotion Recent Developments
- 9.6 Posco Chemical
 - 9.6.1 Posco Chemical Silicon Based Negative Material Basic Information
 - 9.6.2 Posco Chemical Silicon Based Negative Material Product Overview
 - 9.6.3 Posco Chemical Silicon Based Negative Material Product Market Performance
 - 9.6.4 Posco Chemical Business Overview
 - 9.6.5 Posco Chemical Recent Developments
- 9.7 Group14
 - 9.7.1 Group14 Silicon Based Negative Material Basic Information
 - 9.7.2 Group14 Silicon Based Negative Material Product Overview
 - 9.7.3 Group14 Silicon Based Negative Material Product Market Performance
 - 9.7.4 Group14 Business Overview
 - 9.7.5 Group14 Recent Developments
- 9.8 Showa Denko
 - 9.8.1 Showa Denko Silicon Based Negative Material Basic Information
 - 9.8.2 Showa Denko Silicon Based Negative Material Product Overview
 - 9.8.3 Showa Denko Silicon Based Negative Material Product Market Performance
 - 9.8.4 Showa Denko Business Overview
 - 9.8.5 Showa Denko Recent Developments
- 9.9 Amprius
 - 9.9.1 Amprius Silicon Based Negative Material Basic Information
 - 9.9.2 Amprius Silicon Based Negative Material Product Overview
 - 9.9.3 Amprius Silicon Based Negative Material Product Market Performance
 - 9.9.4 Amprius Business Overview
 - 9.9.5 Amprius Recent Developments
- 9.10 Shandong Shida Shenghua Group
 - 9.10.1 Shandong Shida Shenghua Group Silicon Based Negative Material Basic Information
 - 9.10.2 Shandong Shida Shenghua Group Silicon Based Negative Material Product Overview
 - 9.10.3 Shandong Shida Shenghua Group Silicon Based Negative Material Product Market Performance
 - 9.10.4 Shandong Shida Shenghua Group Business Overview
 - 9.10.5 Shandong Shida Shenghua Group Recent Developments
- 9.11 Guangdong Kaijin New Energy Technology
 - 9.11.1 Guangdong Kaijin New Energy Technology Silicon Based Negative Material Basic Information
 - 9.11.2 Guangdong Kaijin New Energy Technology Silicon Based Negative Material

Product Overview

9.11.3 Guangdong Kaijin New Energy Technology Silicon Based Negative Material

Product Market Performance

9.11.4 Guangdong Kaijin New Energy Technology Business Overview

9.11.5 Guangdong Kaijin New Energy Technology Recent Developments

9.12 Guibao Science and Technology

9.12.1 Guibao Science and Technology Silicon Based Negative Material Basic Information

9.12.2 Guibao Science and Technology Silicon Based Negative Material Product Overview

9.12.3 Guibao Science and Technology Silicon Based Negative Material Product Market Performance

9.12.4 Guibao Science and Technology Business Overview

9.12.5 Guibao Science and Technology Recent Developments

9.13 Ningbo Shanshan

9.13.1 Ningbo Shanshan Silicon Based Negative Material Basic Information

9.13.2 Ningbo Shanshan Silicon Based Negative Material Product Overview

9.13.3 Ningbo Shanshan Silicon Based Negative Material Product Market Performance

9.13.4 Ningbo Shanshan Business Overview

9.13.5 Ningbo Shanshan Recent Developments

9.14 Shanghai Pu Tailai New Energy Technology

9.14.1 Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Basic Information

9.14.2 Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Product Overview

9.14.3 Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Product Market Performance

9.14.4 Shanghai Pu Tailai New Energy Technology Business Overview

9.14.5 Shanghai Pu Tailai New Energy Technology Recent Developments

9.15 Shenzhen City Cheung Fenghua Technology

9.15.1 Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Basic Information

9.15.2 Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Product Overview

9.15.3 Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Product Market Performance

9.15.4 Shenzhen City Cheung Fenghua Technology Business Overview

9.15.5 Shenzhen City Cheung Fenghua Technology Recent Developments

9.16 Jereh Group

- 9.16.1 Jereh Group Silicon Based Negative Material Basic Information
- 9.16.2 Jereh Group Silicon Based Negative Material Product Overview
- 9.16.3 Jereh Group Silicon Based Negative Material Product Market Performance
- 9.16.4 Jereh Group Business Overview
- 9.16.5 Jereh Group Recent Developments

9.17 Nexeon

- 9.17.1 Nexeon Silicon Based Negative Material Basic Information
- 9.17.2 Nexeon Silicon Based Negative Material Product Overview
- 9.17.3 Nexeon Silicon Based Negative Material Product Market Performance
- 9.17.4 Nexeon Business Overview
- 9.17.5 Nexeon Recent Developments

9.18 Zhengtuo New Energy Technology

- 9.18.1 Zhengtuo New Energy Technology Silicon Based Negative Material Basic Information
- 9.18.2 Zhengtuo New Energy Technology Silicon Based Negative Material Product Overview
- 9.18.3 Zhengtuo New Energy Technology Silicon Based Negative Material Product Market Performance
- 9.18.4 Zhengtuo New Energy Technology Business Overview
- 9.18.5 Zhengtuo New Energy Technology Recent Developments

10 SILICON BASED NEGATIVE MATERIAL MARKET FORECAST BY REGION

10.1 Global Silicon Based Negative Material Market Size Forecast

10.2 Global Silicon Based Negative Material Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Silicon Based Negative Material Market Size Forecast by Country

10.2.3 Asia Pacific Silicon Based Negative Material Market Size Forecast by Region

10.2.4 South America Silicon Based Negative Material Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Silicon Based Negative Material by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Silicon Based Negative Material Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Silicon Based Negative Material by Type (2025-2030)

11.1.2 Global Silicon Based Negative Material Market Size Forecast by Type
(2025-2030)

11.1.3 Global Forecasted Price of Silicon Based Negative Material by Type
(2025-2030)

11.2 Global Silicon Based Negative Material Market Forecast by Application
(2025-2030)

11.2.1 Global Silicon Based Negative Material Sales (Kilotons) Forecast by Application

11.2.2 Global Silicon Based Negative Material Market Size (M USD) Forecast by
Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Silicon Based Negative Material Market Size Comparison by Region (M USD)

Table 5. Global Silicon Based Negative Material Sales (Kilotons) by Manufacturers (2019-2024)

Table 6. Global Silicon Based Negative Material Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Silicon Based Negative Material Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Silicon Based Negative Material Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Silicon Based Negative Material as of 2022)

Table 10. Global Market Silicon Based Negative Material Average Price (USD/Ton) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Silicon Based Negative Material Sales Sites and Area Served

Table 12. Manufacturers Silicon Based Negative Material Product Type

Table 13. Global Silicon Based Negative Material Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Silicon Based Negative Material

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Silicon Based Negative Material Market Challenges

Table 22. Global Silicon Based Negative Material Sales by Type (Kilotons)

Table 23. Global Silicon Based Negative Material Market Size by Type (M USD)

Table 24. Global Silicon Based Negative Material Sales (Kilotons) by Type (2019-2024)

Table 25. Global Silicon Based Negative Material Sales Market Share by Type (2019-2024)

Table 26. Global Silicon Based Negative Material Market Size (M USD) by Type (2019-2024)

- Table 27. Global Silicon Based Negative Material Market Size Share by Type (2019-2024)
- Table 28. Global Silicon Based Negative Material Price (USD/Ton) by Type (2019-2024)
- Table 29. Global Silicon Based Negative Material Sales (Kilotons) by Application
- Table 30. Global Silicon Based Negative Material Market Size by Application
- Table 31. Global Silicon Based Negative Material Sales by Application (2019-2024) & (Kilotons)
- Table 32. Global Silicon Based Negative Material Sales Market Share by Application (2019-2024)
- Table 33. Global Silicon Based Negative Material Sales by Application (2019-2024) & (M USD)
- Table 34. Global Silicon Based Negative Material Market Share by Application (2019-2024)
- Table 35. Global Silicon Based Negative Material Sales Growth Rate by Application (2019-2024)
- Table 36. Global Silicon Based Negative Material Sales by Region (2019-2024) & (Kilotons)
- Table 37. Global Silicon Based Negative Material Sales Market Share by Region (2019-2024)
- Table 38. North America Silicon Based Negative Material Sales by Country (2019-2024) & (Kilotons)
- Table 39. Europe Silicon Based Negative Material Sales by Country (2019-2024) & (Kilotons)
- Table 40. Asia Pacific Silicon Based Negative Material Sales by Region (2019-2024) & (Kilotons)
- Table 41. South America Silicon Based Negative Material Sales by Country (2019-2024) & (Kilotons)
- Table 42. Middle East and Africa Silicon Based Negative Material Sales by Region (2019-2024) & (Kilotons)
- Table 43. BTR New Material Group Silicon Based Negative Material Basic Information
- Table 44. BTR New Material Group Silicon Based Negative Material Product Overview
- Table 45. BTR New Material Group Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 46. BTR New Material Group Business Overview
- Table 47. BTR New Material Group Silicon Based Negative Material SWOT Analysis
- Table 48. BTR New Material Group Recent Developments
- Table 49. Shin-Etsu Silicon Based Negative Material Basic Information
- Table 50. Shin-Etsu Silicon Based Negative Material Product Overview
- Table 51. Shin-Etsu Silicon Based Negative Material Sales (Kilotons), Revenue (M

USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 52. Shin-Etsu Business Overview

Table 53. Shin-Etsu Silicon Based Negative Material SWOT Analysis

Table 54. Shin-Etsu Recent Developments

Table 55. Daejoo Electronic Materials Silicon Based Negative Material Basic Information

Table 56. Daejoo Electronic Materials Silicon Based Negative Material Product Overview

Table 57. Daejoo Electronic Materials Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 58. Daejoo Electronic Materials Silicon Based Negative Material SWOT Analysis

Table 59. Daejoo Electronic Materials Business Overview

Table 60. Daejoo Electronic Materials Recent Developments

Table 61. Tianmulake Excellent Anode Materials Silicon Based Negative Material Basic Information

Table 62. Tianmulake Excellent Anode Materials Silicon Based Negative Material Product Overview

Table 63. Tianmulake Excellent Anode Materials Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 64. Tianmulake Excellent Anode Materials Business Overview

Table 65. Tianmulake Excellent Anode Materials Recent Developments

Table 66. Gotion Silicon Based Negative Material Basic Information

Table 67. Gotion Silicon Based Negative Material Product Overview

Table 68. Gotion Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 69. Gotion Business Overview

Table 70. Gotion Recent Developments

Table 71. Posco Chemical Silicon Based Negative Material Basic Information

Table 72. Posco Chemical Silicon Based Negative Material Product Overview

Table 73. Posco Chemical Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 74. Posco Chemical Business Overview

Table 75. Posco Chemical Recent Developments

Table 76. Group14 Silicon Based Negative Material Basic Information

Table 77. Group14 Silicon Based Negative Material Product Overview

Table 78. Group14 Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 79. Group14 Business Overview

Table 80. Group14 Recent Developments

- Table 81. Showa Denko Silicon Based Negative Material Basic Information
- Table 82. Showa Denko Silicon Based Negative Material Product Overview
- Table 83. Showa Denko Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 84. Showa Denko Business Overview
- Table 85. Showa Denko Recent Developments
- Table 86. Amprius Silicon Based Negative Material Basic Information
- Table 87. Amprius Silicon Based Negative Material Product Overview
- Table 88. Amprius Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 89. Amprius Business Overview
- Table 90. Amprius Recent Developments
- Table 91. Shandong Shida Shenghua Group Silicon Based Negative Material Basic Information
- Table 92. Shandong Shida Shenghua Group Silicon Based Negative Material Product Overview
- Table 93. Shandong Shida Shenghua Group Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 94. Shandong Shida Shenghua Group Business Overview
- Table 95. Shandong Shida Shenghua Group Recent Developments
- Table 96. Guangdong Kaijin New Energy Technology Silicon Based Negative Material Basic Information
- Table 97. Guangdong Kaijin New Energy Technology Silicon Based Negative Material Product Overview
- Table 98. Guangdong Kaijin New Energy Technology Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 99. Guangdong Kaijin New Energy Technology Business Overview
- Table 100. Guangdong Kaijin New Energy Technology Recent Developments
- Table 101. Guibao Science and Technology Silicon Based Negative Material Basic Information
- Table 102. Guibao Science and Technology Silicon Based Negative Material Product Overview
- Table 103. Guibao Science and Technology Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 104. Guibao Science and Technology Business Overview
- Table 105. Guibao Science and Technology Recent Developments
- Table 106. Ningbo Shanshan Silicon Based Negative Material Basic Information
- Table 107. Ningbo Shanshan Silicon Based Negative Material Product Overview
- Table 108. Ningbo Shanshan Silicon Based Negative Material Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 109. Ningbo Shanshan Business Overview

Table 110. Ningbo Shanshan Recent Developments

Table 111. Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Basic Information

Table 112. Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Product Overview

Table 113. Shanghai Pu Tailai New Energy Technology Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 114. Shanghai Pu Tailai New Energy Technology Business Overview

Table 115. Shanghai Pu Tailai New Energy Technology Recent Developments

Table 116. Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Basic Information

Table 117. Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Product Overview

Table 118. Shenzhen City Cheung Fenghua Technology Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 119. Shenzhen City Cheung Fenghua Technology Business Overview

Table 120. Shenzhen City Cheung Fenghua Technology Recent Developments

Table 121. Jereh Group Silicon Based Negative Material Basic Information

Table 122. Jereh Group Silicon Based Negative Material Product Overview

Table 123. Jereh Group Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 124. Jereh Group Business Overview

Table 125. Jereh Group Recent Developments

Table 126. Nexeon Silicon Based Negative Material Basic Information

Table 127. Nexeon Silicon Based Negative Material Product Overview

Table 128. Nexeon Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 129. Nexeon Business Overview

Table 130. Nexeon Recent Developments

Table 131. Zhengtuo New Energy Technology Silicon Based Negative Material Basic Information

Table 132. Zhengtuo New Energy Technology Silicon Based Negative Material Product Overview

Table 133. Zhengtuo New Energy Technology Silicon Based Negative Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 134. Zhengtuo New Energy Technology Business Overview

Table 135. Zhengtuo New Energy Technology Recent Developments

Table 136. Global Silicon Based Negative Material Sales Forecast by Region (2025-2030) & (Kilotons)

Table 137. Global Silicon Based Negative Material Market Size Forecast by Region (2025-2030) & (M USD)

Table 138. North America Silicon Based Negative Material Sales Forecast by Country (2025-2030) & (Kilotons)

Table 139. North America Silicon Based Negative Material Market Size Forecast by Country (2025-2030) & (M USD)

Table 140. Europe Silicon Based Negative Material Sales Forecast by Country (2025-2030) & (Kilotons)

Table 141. Europe Silicon Based Negative Material Market Size Forecast by Country (2025-2030) & (M USD)

Table 142. Asia Pacific Silicon Based Negative Material Sales Forecast by Region (2025-2030) & (Kilotons)

Table 143. Asia Pacific Silicon Based Negative Material Market Size Forecast by Region (2025-2030) & (M USD)

Table 144. South America Silicon Based Negative Material Sales Forecast by Country (2025-2030) & (Kilotons)

Table 145. South America Silicon Based Negative Material Market Size Forecast by Country (2025-2030) & (M USD)

Table 146. Middle East and Africa Silicon Based Negative Material Consumption Forecast by Country (2025-2030) & (Units)

Table 147. Middle East and Africa Silicon Based Negative Material Market Size Forecast by Country (2025-2030) & (M USD)

Table 148. Global Silicon Based Negative Material Sales Forecast by Type (2025-2030) & (Kilotons)

Table 149. Global Silicon Based Negative Material Market Size Forecast by Type (2025-2030) & (M USD)

Table 150. Global Silicon Based Negative Material Price Forecast by Type (2025-2030) & (USD/Ton)

Table 151. Global Silicon Based Negative Material Sales (Kilotons) Forecast by Application (2025-2030)

Table 152. Global Silicon Based Negative Material Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Silicon Based Negative Material
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Silicon Based Negative Material Market Size (M USD), 2019-2030
- Figure 5. Global Silicon Based Negative Material Market Size (M USD) (2019-2030)
- Figure 6. Global Silicon Based Negative Material Sales (Kilotons) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Silicon Based Negative Material Market Size by Country (M USD)
- Figure 11. Silicon Based Negative Material Sales Share by Manufacturers in 2023
- Figure 12. Global Silicon Based Negative Material Revenue Share by Manufacturers in 2023
- Figure 13. Silicon Based Negative Material Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Silicon Based Negative Material Average Price (USD/Ton) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Silicon Based Negative Material Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Silicon Based Negative Material Market Share by Type
- Figure 18. Sales Market Share of Silicon Based Negative Material by Type (2019-2024)
- Figure 19. Sales Market Share of Silicon Based Negative Material by Type in 2023
- Figure 20. Market Size Share of Silicon Based Negative Material by Type (2019-2024)
- Figure 21. Market Size Market Share of Silicon Based Negative Material by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Silicon Based Negative Material Market Share by Application
- Figure 24. Global Silicon Based Negative Material Sales Market Share by Application (2019-2024)
- Figure 25. Global Silicon Based Negative Material Sales Market Share by Application in 2023
- Figure 26. Global Silicon Based Negative Material Market Share by Application (2019-2024)
- Figure 27. Global Silicon Based Negative Material Market Share by Application in 2023

Figure 28. Global Silicon Based Negative Material Sales Growth Rate by Application (2019-2024)

Figure 29. Global Silicon Based Negative Material Sales Market Share by Region (2019-2024)

Figure 30. North America Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America Silicon Based Negative Material Sales Market Share by Country in 2023

Figure 32. U.S. Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada Silicon Based Negative Material Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico Silicon Based Negative Material Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe Silicon Based Negative Material Sales Market Share by Country in 2023

Figure 37. Germany Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific Silicon Based Negative Material Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific Silicon Based Negative Material Sales Market Share by Region in 2023

Figure 44. China Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India Silicon Based Negative Material Sales and Growth Rate (2019-2024) &

(Kilotons)

Figure 48. Southeast Asia Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 49. South America Silicon Based Negative Material Sales and Growth Rate (Kilotons)

Figure 50. South America Silicon Based Negative Material Sales Market Share by Country in 2023

Figure 51. Brazil Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 52. Argentina Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 53. Columbia Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 54. Middle East and Africa Silicon Based Negative Material Sales and Growth Rate (Kilotons)

Figure 55. Middle East and Africa Silicon Based Negative Material Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 57. UAE Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 58. Egypt Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 59. Nigeria Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 60. South Africa Silicon Based Negative Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 61. Global Silicon Based Negative Material Sales Forecast by Volume (2019-2030) & (Kilotons)

Figure 62. Global Silicon Based Negative Material Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Silicon Based Negative Material Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Silicon Based Negative Material Market Share Forecast by Type (2025-2030)

Figure 65. Global Silicon Based Negative Material Sales Forecast by Application (2025-2030)

Figure 66. Global Silicon Based Negative Material Market Share Forecast by Application (2025-2030)

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