

Global Silicon Carbide Semiconductor Material Market Growth 2025-2031

<https://marketpublishers.com/r/GE41B110C8A4EN.html>

Date: April 2025

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: GE41B110C8A4EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Silicon Carbide Semiconductor Material 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.

According to our Semiconductor Research Center, in 2022, the global SiC wafer was valued at US\$ 750 million, will grow rapidly in next six years, driven by the strong demand from electric vehicle (EV). Currently the 6 inch SiC substrates are dominating this market, and in next six years, more players will put into production the 8 inch SiC wafers. Currently the key players of SiC are mainly located headquartered United States, Europe, Japan and China, especially in China, more companies are entering the SiC market. It is predicted that, Chinese companies will play key roles in the SiC market in next ten years.

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

This Insight Report provides a comprehensive analysis of the global Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon Carbide Semiconductor Material market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Carbide Semiconductor Material market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

2H-SiC Semiconductors

3C-SiC Semiconductors

4H-SiC Semiconductors

6H-SiC Semiconductors

Others

Segmentation by Application:

Automotive

Electronic and Electrical

Medical Equipment

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.

Allegro Microsystems

Infineon Technologies AG

ROHM Semiconductor

STMicroelectronics

On Semiconductors

Wolfspeed

Sgl Carbon

GeneSiC

KYOCERA Fineceramics Precision GmbH

Toshiba

Fairchild Semiconductor

Ceramic forum

STMicroelectronics

Power Integrations

Key Questions Addressed in this Report

What is the 10-year outlook for the global Silicon Carbide Semiconductor Material market?

What factors are driving Silicon Carbide Semiconductor Material market growth, globally and by region?

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

How do Silicon Carbide Semiconductor Material market opportunities vary by end market size?

How does Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Silicon Carbide Semiconductor Material by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Silicon Carbide Semiconductor Material by Country/Region, 2020, 2024 & 2031
- 2.2 Silicon Carbide Semiconductor Material Segment by Type
 - 2.2.1 2H-SIC Semiconductors
 - 2.2.2 3C-SIC Semiconductors
 - 2.2.3 4H-SIC Semiconductors
 - 2.2.4 6H-SIC Semiconductors
 - 2.2.5 Others
- 2.3 Silicon Carbide Semiconductor Material Sales by Type
 - 2.3.1 Global Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Silicon Carbide Semiconductor Material Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Silicon Carbide Semiconductor Material Sale Price by Type (2020-2025)
- 2.4 Silicon Carbide Semiconductor Material Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Electronic and Electrical
 - 2.4.3 Medical Equipment
 - 2.4.4 Other
- 2.5 Silicon Carbide Semiconductor Material Sales by Application

2.5.1 Global Silicon Carbide Semiconductor Material Sale Market Share by Application (2020-2025)

2.5.2 Global Silicon Carbide Semiconductor Material Revenue and Market Share by Application (2020-2025)

2.5.3 Global Silicon Carbide Semiconductor Material Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Silicon Carbide Semiconductor Material Breakdown Data by Company

3.1.1 Global Silicon Carbide Semiconductor Material Annual Sales by Company (2020-2025)

3.1.2 Global Silicon Carbide Semiconductor Material Sales Market Share by Company (2020-2025)

3.2 Global Silicon Carbide Semiconductor Material Annual Revenue by Company (2020-2025)

3.2.1 Global Silicon Carbide Semiconductor Material Revenue by Company (2020-2025)

3.2.2 Global Silicon Carbide Semiconductor Material Revenue Market Share by Company (2020-2025)

3.3 Global Silicon Carbide Semiconductor Material Sale Price by Company

3.4 Key Manufacturers Silicon Carbide Semiconductor Material Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Silicon Carbide Semiconductor Material Product Location Distribution

3.4.2 Players Silicon Carbide Semiconductor Material 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 SILICON CARBIDE SEMICONDUCTOR MATERIAL BY GEOGRAPHIC REGION

4.1 World Historic Silicon Carbide Semiconductor Material Market Size by Geographic Region (2020-2025)

4.1.1 Global Silicon Carbide Semiconductor Material Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Silicon Carbide Semiconductor Material Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Silicon Carbide Semiconductor Material Market Size by Country/Region (2020-2025)

4.2.1 Global Silicon Carbide Semiconductor Material Annual Sales by Country/Region (2020-2025)

4.2.2 Global Silicon Carbide Semiconductor Material Annual Revenue by Country/Region (2020-2025)

4.3 Americas Silicon Carbide Semiconductor Material Sales Growth

4.4 APAC Silicon Carbide Semiconductor Material Sales Growth

4.5 Europe Silicon Carbide Semiconductor Material Sales Growth

4.6 Middle East & Africa Silicon Carbide Semiconductor Material Sales Growth

5 AMERICAS

5.1 Americas Silicon Carbide Semiconductor Material Sales by Country

5.1.1 Americas Silicon Carbide Semiconductor Material Sales by Country (2020-2025)

5.1.2 Americas Silicon Carbide Semiconductor Material Revenue by Country (2020-2025)

5.2 Americas Silicon Carbide Semiconductor Material Sales by Type (2020-2025)

5.3 Americas Silicon Carbide Semiconductor Material Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Silicon Carbide Semiconductor Material Sales by Region

6.1.1 APAC Silicon Carbide Semiconductor Material Sales by Region (2020-2025)

6.1.2 APAC Silicon Carbide Semiconductor Material Revenue by Region (2020-2025)

6.2 APAC Silicon Carbide Semiconductor Material Sales by Type (2020-2025)

6.3 APAC Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material by Country

7.1.1 Europe Silicon Carbide Semiconductor Material Sales by Country (2020-2025)

7.1.2 Europe Silicon Carbide Semiconductor Material Revenue by Country (2020-2025)

7.2 Europe Silicon Carbide Semiconductor Material Sales by Type (2020-2025)

7.3 Europe Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material by Country

8.1.1 Middle East & Africa Silicon Carbide Semiconductor Material Sales by Country (2020-2025)

8.1.2 Middle East & Africa Silicon Carbide Semiconductor Material Revenue by Country (2020-2025)

8.2 Middle East & Africa Silicon Carbide Semiconductor Material Sales by Type (2020-2025)

8.3 Middle East & Africa Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material

10.3 Manufacturing Process Analysis of Silicon Carbide Semiconductor Material

10.4 Industry Chain Structure of Silicon Carbide Semiconductor Material

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Silicon Carbide Semiconductor Material Distributors

11.3 Silicon Carbide Semiconductor Material Customer

12 WORLD FORECAST REVIEW FOR SILICON CARBIDE SEMICONDUCTOR MATERIAL BY GEOGRAPHIC REGION

12.1 Global Silicon Carbide Semiconductor Material Market Size Forecast by Region

12.1.1 Global Silicon Carbide Semiconductor Material Forecast by Region (2026-2031)

12.1.2 Global Silicon Carbide Semiconductor Material 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 Silicon Carbide Semiconductor Material Forecast by Type (2026-2031)

12.7 Global Silicon Carbide Semiconductor Material Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Allegro Microsystems

13.1.1 Allegro Microsystems Company Information

13.1.2 Allegro Microsystems Silicon Carbide Semiconductor Material Product Portfolios and Specifications

13.1.3 Allegro Microsystems Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Allegro Microsystems Main Business Overview

- 13.1.5 Allegro Microsystems Latest Developments
- 13.2 Infineon Technologies AG
 - 13.2.1 Infineon Technologies AG Company Information
 - 13.2.2 Infineon Technologies AG Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.2.3 Infineon Technologies AG Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Infineon Technologies AG Main Business Overview
 - 13.2.5 Infineon Technologies AG Latest Developments
- 13.3 ROHM Semiconductor
 - 13.3.1 ROHM Semiconductor Company Information
 - 13.3.2 ROHM Semiconductor Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.3.3 ROHM Semiconductor Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 ROHM Semiconductor Main Business Overview
 - 13.3.5 ROHM Semiconductor Latest Developments
- 13.4 STMicroelectronics
 - 13.4.1 STMicroelectronics Company Information
 - 13.4.2 STMicroelectronics Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.4.3 STMicroelectronics Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 STMicroelectronics Main Business Overview
 - 13.4.5 STMicroelectronics Latest Developments
- 13.5 On Semiconductors
 - 13.5.1 On Semiconductors Company Information
 - 13.5.2 On Semiconductors Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.5.3 On Semiconductors Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 On Semiconductors Main Business Overview
 - 13.5.5 On Semiconductors Latest Developments
- 13.6 Wolfspeed
 - 13.6.1 Wolfspeed Company Information
 - 13.6.2 Wolfspeed Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.6.3 Wolfspeed Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.6.4 Wolfspeed Main Business Overview
- 13.6.5 Wolfspeed Latest Developments
- 13.7 Sgl Carbon
 - 13.7.1 Sgl Carbon Company Information
 - 13.7.2 Sgl Carbon Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.7.3 Sgl Carbon Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Sgl Carbon Main Business Overview
 - 13.7.5 Sgl Carbon Latest Developments
- 13.8 GeneSiC
 - 13.8.1 GeneSiC Company Information
 - 13.8.2 GeneSiC Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.8.3 GeneSiC Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 GeneSiC Main Business Overview
 - 13.8.5 GeneSiC Latest Developments
- 13.9 KYOCERA Fineceramics Precision GmbH
 - 13.9.1 KYOCERA Fineceramics Precision GmbH Company Information
 - 13.9.2 KYOCERA Fineceramics Precision GmbH Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.9.3 KYOCERA Fineceramics Precision GmbH Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 KYOCERA Fineceramics Precision GmbH Main Business Overview
 - 13.9.5 KYOCERA Fineceramics Precision GmbH Latest Developments
- 13.10 Toshiba
 - 13.10.1 Toshiba Company Information
 - 13.10.2 Toshiba Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.10.3 Toshiba Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Toshiba Main Business Overview
 - 13.10.5 Toshiba Latest Developments
- 13.11 Fairchild Semiconductor
 - 13.11.1 Fairchild Semiconductor Company Information
 - 13.11.2 Fairchild Semiconductor Silicon Carbide Semiconductor Material Product Portfolios and Specifications
 - 13.11.3 Fairchild Semiconductor Silicon Carbide Semiconductor Material Sales,

Revenue, Price and Gross Margin (2020-2025)

13.11.4 Fairchild Semiconductor Main Business Overview

13.11.5 Fairchild Semiconductor Latest Developments

13.12 Ceramic forum

13.12.1 Ceramic forum Company Information

13.12.2 Ceramic forum Silicon Carbide Semiconductor Material Product Portfolios and Specifications

13.12.3 Ceramic forum Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Ceramic forum Main Business Overview

13.12.5 Ceramic forum Latest Developments

13.13 STMicroelectronics

13.13.1 STMicroelectronics Company Information

13.13.2 STMicroelectronics Silicon Carbide Semiconductor Material Product Portfolios and Specifications

13.13.3 STMicroelectronics Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 STMicroelectronics Main Business Overview

13.13.5 STMicroelectronics Latest Developments

13.14 Power Integrations

13.14.1 Power Integrations Company Information

13.14.2 Power Integrations Silicon Carbide Semiconductor Material Product Portfolios and Specifications

13.14.3 Power Integrations Silicon Carbide Semiconductor Material Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Power Integrations Main Business Overview

13.14.5 Power Integrations Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Silicon Carbide Semiconductor Material Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Silicon Carbide Semiconductor Material Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of 2H-SiC Semiconductors

Table 4. Major Players of 3C-SiC Semiconductors

Table 5. Major Players of 4H-SiC Semiconductors

Table 6. Major Players of 6H-SiC Semiconductors

Table 7. Major Players of Others

Table 8. Global Silicon Carbide Semiconductor Material Sales by Type (2020-2025) & (Tons)

Table 9. Global Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)

Table 10. Global Silicon Carbide Semiconductor Material Revenue by Type (2020-2025) & (\$ million)

Table 11. Global Silicon Carbide Semiconductor Material Revenue Market Share by Type (2020-2025)

Table 12. Global Silicon Carbide Semiconductor Material Sale Price by Type (2020-2025) & (US\$/Ton)

Table 13. Global Silicon Carbide Semiconductor Material Sale by Application (2020-2025) & (Tons)

Table 14. Global Silicon Carbide Semiconductor Material Sale Market Share by Application (2020-2025)

Table 15. Global Silicon Carbide Semiconductor Material Revenue by Application (2020-2025) & (\$ million)

Table 16. Global Silicon Carbide Semiconductor Material Revenue Market Share by Application (2020-2025)

Table 17. Global Silicon Carbide Semiconductor Material Sale Price by Application (2020-2025) & (US\$/Ton)

Table 18. Global Silicon Carbide Semiconductor Material Sales by Company (2020-2025) & (Tons)

Table 19. Global Silicon Carbide Semiconductor Material Sales Market Share by Company (2020-2025)

Table 20. Global Silicon Carbide Semiconductor Material Revenue by Company (2020-2025) & (\$ millions)

Table 21. Global Silicon Carbide Semiconductor Material Revenue Market Share by Company (2020-2025)

Table 22. Global Silicon Carbide Semiconductor Material Sale Price by Company (2020-2025) & (US\$/Ton)

Table 23. Key Manufacturers Silicon Carbide Semiconductor Material Producing Area Distribution and Sales Area

Table 24. Players Silicon Carbide Semiconductor Material Products Offered

Table 25. Silicon Carbide Semiconductor Material Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global Silicon Carbide Semiconductor Material Sales by Geographic Region (2020-2025) & (Tons)

Table 29. Global Silicon Carbide Semiconductor Material Sales Market Share Geographic Region (2020-2025)

Table 30. Global Silicon Carbide Semiconductor Material Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 31. Global Silicon Carbide Semiconductor Material Revenue Market Share by Geographic Region (2020-2025)

Table 32. Global Silicon Carbide Semiconductor Material Sales by Country/Region (2020-2025) & (Tons)

Table 33. Global Silicon Carbide Semiconductor Material Sales Market Share by Country/Region (2020-2025)

Table 34. Global Silicon Carbide Semiconductor Material Revenue by Country/Region (2020-2025) & (\$ millions)

Table 35. Global Silicon Carbide Semiconductor Material Revenue Market Share by Country/Region (2020-2025)

Table 36. Americas Silicon Carbide Semiconductor Material Sales by Country (2020-2025) & (Tons)

Table 37. Americas Silicon Carbide Semiconductor Material Sales Market Share by Country (2020-2025)

Table 38. Americas Silicon Carbide Semiconductor Material Revenue by Country (2020-2025) & (\$ millions)

Table 39. Americas Silicon Carbide Semiconductor Material Sales by Type (2020-2025) & (Tons)

Table 40. Americas Silicon Carbide Semiconductor Material Sales by Application (2020-2025) & (Tons)

Table 41. APAC Silicon Carbide Semiconductor Material Sales by Region (2020-2025) & (Tons)

Table 42. APAC Silicon Carbide Semiconductor Material Sales Market Share by Region (2020-2025)

Table 43. APAC Silicon Carbide Semiconductor Material Revenue by Region (2020-2025) & (\$ millions)

Table 44. APAC Silicon Carbide Semiconductor Material Sales by Type (2020-2025) & (Tons)

Table 45. APAC Silicon Carbide Semiconductor Material Sales by Application (2020-2025) & (Tons)

Table 46. Europe Silicon Carbide Semiconductor Material Sales by Country (2020-2025) & (Tons)

Table 47. Europe Silicon Carbide Semiconductor Material Revenue by Country (2020-2025) & (\$ millions)

Table 48. Europe Silicon Carbide Semiconductor Material Sales by Type (2020-2025) & (Tons)

Table 49. Europe Silicon Carbide Semiconductor Material Sales by Application (2020-2025) & (Tons)

Table 50. Middle East & Africa Silicon Carbide Semiconductor Material Sales by Country (2020-2025) & (Tons)

Table 51. Middle East & Africa Silicon Carbide Semiconductor Material Revenue Market Share by Country (2020-2025)

Table 52. Middle East & Africa Silicon Carbide Semiconductor Material Sales by Type (2020-2025) & (Tons)

Table 53. Middle East & Africa Silicon Carbide Semiconductor Material Sales by Application (2020-2025) & (Tons)

Table 54. Key Market Drivers & Growth Opportunities of Silicon Carbide Semiconductor Material

Table 55. Key Market Challenges & Risks of Silicon Carbide Semiconductor Material

Table 56. Key Industry Trends of Silicon Carbide Semiconductor Material

Table 57. Silicon Carbide Semiconductor Material Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. Silicon Carbide Semiconductor Material Distributors List

Table 60. Silicon Carbide Semiconductor Material Customer List

Table 61. Global Silicon Carbide Semiconductor Material Sales Forecast by Region (2026-2031) & (Tons)

Table 62. Global Silicon Carbide Semiconductor Material Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 63. Americas Silicon Carbide Semiconductor Material Sales Forecast by Country (2026-2031) & (Tons)

Table 64. Americas Silicon Carbide Semiconductor Material Annual Revenue Forecast

by Country (2026-2031) & (\$ millions)

Table 65. APAC Silicon Carbide Semiconductor Material Sales Forecast by Region (2026-2031) & (Tons)

Table 66. APAC Silicon Carbide Semiconductor Material Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 67. Europe Silicon Carbide Semiconductor Material Sales Forecast by Country (2026-2031) & (Tons)

Table 68. Europe Silicon Carbide Semiconductor Material Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Middle East & Africa Silicon Carbide Semiconductor Material Sales Forecast by Country (2026-2031) & (Tons)

Table 70. Middle East & Africa Silicon Carbide Semiconductor Material Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 71. Global Silicon Carbide Semiconductor Material Sales Forecast by Type (2026-2031) & (Tons)

Table 72. Global Silicon Carbide Semiconductor Material Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 73. Global Silicon Carbide Semiconductor Material Sales Forecast by Application (2026-2031) & (Tons)

Table 74. Global Silicon Carbide Semiconductor Material Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 75. Allegro Microsystems Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 76. Allegro Microsystems Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 77. Allegro Microsystems Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 78. Allegro Microsystems Main Business

Table 79. Allegro Microsystems Latest Developments

Table 80. Infineon Technologies AG Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 81. Infineon Technologies AG Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 82. Infineon Technologies AG Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 83. Infineon Technologies AG Main Business

Table 84. Infineon Technologies AG Latest Developments

Table 85. ROHM Semiconductor Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 86. ROHM Semiconductor Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 87. ROHM Semiconductor Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 88. ROHM Semiconductor Main Business

Table 89. ROHM Semiconductor Latest Developments

Table 90. STMicroelectronics Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 91. STMicroelectronics Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 92. STMicroelectronics Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 93. STMicroelectronics Main Business

Table 94. STMicroelectronics Latest Developments

Table 95. On Semiconductors Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 96. On Semiconductors Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 97. On Semiconductors Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 98. On Semiconductors Main Business

Table 99. On Semiconductors Latest Developments

Table 100. Wolfspeed Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 101. Wolfspeed Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 102. Wolfspeed Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 103. Wolfspeed Main Business

Table 104. Wolfspeed Latest Developments

Table 105. Sgl Carbon Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 106. Sgl Carbon Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 107. Sgl Carbon Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 108. Sgl Carbon Main Business

Table 109. Sgl Carbon Latest Developments

Table 110. GeneSiC Basic Information, Silicon Carbide Semiconductor Material

Manufacturing Base, Sales Area and Its Competitors

Table 111. GeneSiC Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 112. GeneSiC Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 113. GeneSiC Main Business

Table 114. GeneSiC Latest Developments

Table 115. KYOCERA Fineceramics Precision GmbH Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 116. KYOCERA Fineceramics Precision GmbH Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 117. KYOCERA Fineceramics Precision GmbH Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 118. KYOCERA Fineceramics Precision GmbH Main Business

Table 119. KYOCERA Fineceramics Precision GmbH Latest Developments

Table 120. Toshiba Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 121. Toshiba Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 122. Toshiba Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 123. Toshiba Main Business

Table 124. Toshiba Latest Developments

Table 125. Fairchild Semiconductor Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 126. Fairchild Semiconductor Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 127. Fairchild Semiconductor Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 128. Fairchild Semiconductor Main Business

Table 129. Fairchild Semiconductor Latest Developments

Table 130. Ceramic forum Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 131. Ceramic forum Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 132. Ceramic forum Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 133. Ceramic forum Main Business

Table 134. Ceramic forum Latest Developments

Table 135. STMicroelectronics Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 136. STMicroelectronics Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 137. STMicroelectronics Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 138. STMicroelectronics Main Business

Table 139. STMicroelectronics Latest Developments

Table 140. Power Integrations Basic Information, Silicon Carbide Semiconductor Material Manufacturing Base, Sales Area and Its Competitors

Table 141. Power Integrations Silicon Carbide Semiconductor Material Product Portfolios and Specifications

Table 142. Power Integrations Silicon Carbide Semiconductor Material Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 143. Power Integrations Main Business

Table 144. Power Integrations Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Silicon Carbide Semiconductor Material

Figure 2. Silicon Carbide Semiconductor Material Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Silicon Carbide Semiconductor Material Sales Growth Rate 2020-2031 (Tons)

Figure 7. Global Silicon Carbide Semiconductor Material Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Silicon Carbide Semiconductor Material Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Silicon Carbide Semiconductor Material Sales Market Share by Country/Region (2024)

Figure 10. Silicon Carbide Semiconductor Material Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of 2H-SiC Semiconductors

Figure 12. Product Picture of 3C-SiC Semiconductors

Figure 13. Product Picture of 4H-SiC Semiconductors

Figure 14. Product Picture of 6H-SiC Semiconductors

Figure 15. Product Picture of Others

Figure 16. Global Silicon Carbide Semiconductor Material Sales Market Share by Type in 2025

Figure 17. Global Silicon Carbide Semiconductor Material Revenue Market Share by Type (2020-2025)

Figure 18. Silicon Carbide Semiconductor Material Consumed in Automotive

Figure 19. Global Silicon Carbide Semiconductor Material Market: Automotive (2020-2025) & (Tons)

Figure 20. Silicon Carbide Semiconductor Material Consumed in Electronic and Electrical

Figure 21. Global Silicon Carbide Semiconductor Material Market: Electronic and Electrical (2020-2025) & (Tons)

Figure 22. Silicon Carbide Semiconductor Material Consumed in Medical Equipment

Figure 23. Global Silicon Carbide Semiconductor Material Market: Medical Equipment (2020-2025) & (Tons)

Figure 24. Silicon Carbide Semiconductor Material Consumed in Other

Figure 25. Global Silicon Carbide Semiconductor Material Market: Other (2020-2025) & (Tons)

Figure 26. Global Silicon Carbide Semiconductor Material Sale Market Share by Application (2024)

Figure 27. Global Silicon Carbide Semiconductor Material Revenue Market Share by Application in 2025

Figure 28. Silicon Carbide Semiconductor Material Sales by Company in 2025 (Tons)

Figure 29. Global Silicon Carbide Semiconductor Material Sales Market Share by Company in 2025

Figure 30. Silicon Carbide Semiconductor Material Revenue by Company in 2025 (\$ millions)

Figure 31. Global Silicon Carbide Semiconductor Material Revenue Market Share by Company in 2025

Figure 32. Global Silicon Carbide Semiconductor Material Sales Market Share by Geographic Region (2020-2025)

Figure 33. Global Silicon Carbide Semiconductor Material Revenue Market Share by Geographic Region in 2025

Figure 34. Americas Silicon Carbide Semiconductor Material Sales 2020-2025 (Tons)

Figure 35. Americas Silicon Carbide Semiconductor Material Revenue 2020-2025 (\$ millions)

Figure 36. APAC Silicon Carbide Semiconductor Material Sales 2020-2025 (Tons)

Figure 37. APAC Silicon Carbide Semiconductor Material Revenue 2020-2025 (\$ millions)

Figure 38. Europe Silicon Carbide Semiconductor Material Sales 2020-2025 (Tons)

Figure 39. Europe Silicon Carbide Semiconductor Material Revenue 2020-2025 (\$ millions)

Figure 40. Middle East & Africa Silicon Carbide Semiconductor Material Sales 2020-2025 (Tons)

Figure 41. Middle East & Africa Silicon Carbide Semiconductor Material Revenue 2020-2025 (\$ millions)

Figure 42. Americas Silicon Carbide Semiconductor Material Sales Market Share by Country in 2025

Figure 43. Americas Silicon Carbide Semiconductor Material Revenue Market Share by Country (2020-2025)

Figure 44. Americas Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)

Figure 45. Americas Silicon Carbide Semiconductor Material Sales Market Share by Application (2020-2025)

Figure 46. United States Silicon Carbide Semiconductor Material Revenue Growth

2020-2025 (\$ millions)

Figure 47. Canada Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 48. Mexico Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 49. Brazil Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 50. APAC Silicon Carbide Semiconductor Material Sales Market Share by Region in 2025

Figure 51. APAC Silicon Carbide Semiconductor Material Revenue Market Share by Region (2020-2025)

Figure 52. APAC Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)

Figure 53. APAC Silicon Carbide Semiconductor Material Sales Market Share by Application (2020-2025)

Figure 54. China Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 55. Japan Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 56. South Korea Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 57. Southeast Asia Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 58. India Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 59. Australia Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 60. China Taiwan Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 61. Europe Silicon Carbide Semiconductor Material Sales Market Share by Country in 2025

Figure 62. Europe Silicon Carbide Semiconductor Material Revenue Market Share by Country (2020-2025)

Figure 63. Europe Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)

Figure 64. Europe Silicon Carbide Semiconductor Material Sales Market Share by Application (2020-2025)

Figure 65. Germany Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 66. France Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 67. UK Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 68. Italy Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 69. Russia Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 70. Middle East & Africa Silicon Carbide Semiconductor Material Sales Market Share by Country (2020-2025)

Figure 71. Middle East & Africa Silicon Carbide Semiconductor Material Sales Market Share by Type (2020-2025)

Figure 72. Middle East & Africa Silicon Carbide Semiconductor Material Sales Market Share by Application (2020-2025)

Figure 73. Egypt Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 74. South Africa Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 75. Israel Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 76. Turkey Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 77. GCC Countries Silicon Carbide Semiconductor Material Revenue Growth 2020-2025 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Silicon Carbide Semiconductor Material in 2025

Figure 79. Manufacturing Process Analysis of Silicon Carbide Semiconductor Material

Figure 80. Industry Chain Structure of Silicon Carbide Semiconductor Material

Figure 81. Channels of Distribution

Figure 82. Global Silicon Carbide Semiconductor Material Sales Market Forecast by Region (2026-2031)

Figure 83. Global Silicon Carbide Semiconductor Material Revenue Market Share Forecast by Region (2026-2031)

Figure 84. Global Silicon Carbide Semiconductor Material Sales Market Share Forecast by Type (2026-2031)

Figure 85. Global Silicon Carbide Semiconductor Material Revenue Market Share Forecast by Type (2026-2031)

Figure 86. Global Silicon Carbide Semiconductor Material Sales Market Share Forecast by Application (2026-2031)

Figure 87. Global Silicon Carbide Semiconductor Material Revenue Market Share
Forecast by Application (2026-2031)

I would like to order

Product name: Global Silicon Carbide Semiconductor Material Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GE41B110C8A4EN.html>

Price: US\$ 3,660.00 (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/GE41B110C8A4EN.html>