
In 2019, the market size of Silicon Carbide for Semiconductor is million US$ and it will reach million US$ in 2025, growing at a CAGR of from 2019; while in China, the market size is valued at xx million US$ and will increase to xx million US$ in 2025, with a CAGR of xx% during forecast period.

In this report, 2018 has been considered as the base year and 2019 to 2025 as the forecast period to estimate the market size for Silicon Carbide for Semiconductor.

This report studies the global market size of Silicon Carbide for Semiconductor, especially focuses on the key regions like United States, European Union, China, and other regions (Japan, Korea, India and Southeast Asia).

This study presents the Silicon Carbide for Semiconductor production, revenue, market share and growth rate for each key company, and also covers the breakdown data (production, consumption, revenue and market share) by regions, type and applications. History breakdown data from 2014 to 2019, and forecast to 2025.

For top companies in United States, European Union and China, this report investigates and analyzes the production, value, price, market share and growth rate for the top manufacturers, key data from 2014 to 2019.

In global market, the following companies are covered:
- Saint-Gobain
- Ningxia Tianjing
- Lanzhou Heqiao
- Tianzhu Yutong
- Cumii Murugappa
- Elsid S.A
- Washington Mills
- ESD-SIC
- Erdos
- Ningxia Jingjing
- Elmet
- Snam Abrasives
- ESK-SIC
- Navarro
- Pacific Rundum
- Market Segment by Product Type
  - Si Raw Material
  - SiC Raw Material
  - GaN Raw Material
- Market Segment by Application
  - Consumer Appliances
  - Communication
  - Car Industry

Key Regions split in this report: breakdown data for each region.
- United States
- China
- European Union
- Rest of World (Japan, Korea, India and Southeast Asia)

The study objectives are:
- To analyze and research the Silicon Carbide for Semiconductor status and future forecast in United States, European Union and China, involving sales, value (revenue), growth rate (CAGR), market share, historical and forecast.
- To present the key Silicon Carbide for Semiconductor manufacturers, presenting the sales, revenue, market share, and recent development for key players.
- To split the breakdown data by regions, type, companies and applications
- To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.
- To identify significant trends, drivers, influence factors in global and regions.
- To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

In this study, the years considered to estimate the market size of Silicon Carbide for Semiconductor are as follows:
- History Year: 2014-2018
- Base Year: 2018
- Estimated Year: 2019
- Forecast Year 2019 to 2025

Table of Contents

1 Report Overview
  1.1 Research Scope
  1.2 Major Manufacturers Covered in This Report
  1.3 Market Segment by Type
1.3.1 Global Silicon Carbide for Semiconductor Market Size Growth Rate by Type (2019-2025)
1.3.2 Si Raw Material
1.3.3 SiC Raw Material
1.3.4 GaN Raw Material
1.4 Market Segmentation by Application
1.4.1 Global Silicon Carbide for Semiconductor Market Share by Application (2019-2025)
1.4.2 Consumer Appliances
1.4.3 Communication
1.4.4 Car Industry
1.5 Study Objectives
1.6 Years Considered

2 Global Growth Trends
2.1 Production and Capacity Analysis
2.1.1 Global Silicon Carbide for Semiconductor Production Value 2014-2025
2.1.2 Global Silicon Carbide for Semiconductor Production 2014-2025
2.1.3 Global Silicon Carbide for Semiconductor Capacity 2014-2025
2.1.4 Global Silicon Carbide for Semiconductor Marketing Pricing and Trends
2.2 Key Producers Growth Rate (CAGR) 2019-2025
2.2.1 Global Silicon Carbide for Semiconductor Market Size CAGR of Key Regions
2.2.2 Global Silicon Carbide for Semiconductor Market Share of Key Regions
2.3 Industry Trends
2.3.1 Market Top Trends
2.3.2 Market Drivers

3 Market Share by Manufacturers
3.1 Capacity and Production by Manufacturers
3.1.1 Global Silicon Carbide for Semiconductor Capacity by Manufacturers
3.1.2 Global Silicon Carbide for Semiconductor Production by Manufacturers
3.2 Revenue by Manufacturers
3.2.1 Silicon Carbide for Semiconductor Revenue by Manufacturers (2014-2019)
3.2.2 Silicon Carbide for Semiconductor Revenue Share by Manufacturers (2014-2019)
3.2.3 Global Silicon Carbide for Semiconductor Market Concentration Ratio (CR5 and HHI)
3.3 Silicon Carbide for Semiconductor Price by Manufacturers
3.4 Key Manufacturers Silicon Carbide for Semiconductor Plants/Factories Distribution and Area Served
3.5 Date of Key Manufacturers Enter into Silicon Carbide for Semiconductor Market
3.6 Key Manufacturers Silicon Carbide for Semiconductor Product Offered
3.7 Mergers & Acquisitions, Expansion Plans

4 Market Size by Type
4.1 Production and Production Value for Each Type
4.1.1 Si Raw Material Production and Production Value (2014-2019)
4.1.2 SiC Raw Material Production and Production Value (2014-2019)
4.1.3 GaN Raw Material Production and Production Value (2014-2019)
4.2 Global Silicon Carbide for Semiconductor Production Market Share by Type
4.3 Global Silicon Carbide for Semiconductor Production Value Market Share by Type
4.4 Silicon Carbide for Semiconductor Ex-factory Price by Type

5 Market Size by Application
5.1 Overview
5.2 Global Silicon Carbide for Semiconductor Consumption by Application

6 Production by Regions
6.1 Global Silicon Carbide for Semiconductor Production (History Data) by Regions 2014-2019
6.2 Global Silicon Carbide for Semiconductor Production Value (History Data) by Regions
6.3 United States
6.3.1 United States Silicon Carbide for Semiconductor Production Growth Rate 2014-2019
6.3.2 United States Silicon Carbide for Semiconductor Production Value Growth Rate 2014-2019
6.3.3 Key Players in United States
6.3.4 United States Silicon Carbide for Semiconductor Import & Export
6.4 European Union
6.4.1 European Union Silicon Carbide for Semiconductor Production Growth Rate 2014-2019
6.4.2 European Union Silicon Carbide for Semiconductor Production Value Growth Rate 2014-2019
6.4.3 Key Players in European Union
6.4.4 European Union Silicon Carbide for Semiconductor Import & Export
6.5 China
6.5.1 China Silicon Carbide for Semiconductor Production Growth Rate 2014-2019
6.5.2 China Silicon Carbide for Semiconductor Production Value Growth Rate 2014-2019
6.5.3 Key Players in China
6.5.4 China Silicon Carbide for Semiconductor Import & Export
6.6 Rest of World
6.6.1 Japan
6.6.2 Korea
6.6.3 India
6.6.4 Southeast Asia

7 Silicon Carbide for Semiconductor Consumption by Regions
7.1 Global Silicon Carbide for Semiconductor Consumption (History Data) by Regions
7.2 United States
7.2.1 United States Silicon Carbide for Semiconductor Consumption by Type
7.2.2 United States Silicon Carbide for Semiconductor Consumption by Application
7.3 European Union
7.3.1 European Union Silicon Carbide for Semiconductor Consumption by Type
7.3.2 European Union Silicon Carbide for Semiconductor Consumption by Application
7.4 China
7.4.1 China Silicon Carbide for Semiconductor Consumption by Type
7.4.2 China Silicon Carbide for Semiconductor Consumption by Application
7.5 Rest of World
- 7.5.1 Rest of World Silicon Carbide for Semiconductor Consumption by Type
- 7.5.2 Rest of World Silicon Carbide for Semiconductor Consumption by Application
- 7.5.1 Japan
- 7.5.2 Korea
- 7.5.3 India
- 7.5.4 Southeast Asia

8 Company Profiles
- 8.1 Saint-Gobain
  - 8.1.1 Saint-Gobain Company Details
  - 8.1.2 Company Description and Business Overview
  - 8.1.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.1.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.1.5 Saint-Gobain Recent Development
- 8.2 Ningxia Tianjing
  - 8.2.1 Ningxia Tianjing Company Details
  - 8.2.2 Company Description and Business Overview
  - 8.2.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.2.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.2.5 Ningxia Tianjing Recent Development
- 8.3 Lanzhou Heqiao
  - 8.3.1 Lanzhou Heqiao Company Details
  - 8.3.2 Company Description and Business Overview
  - 8.3.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.3.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.3.5 Lanzhou Heqiao Recent Development
- 8.4 Tianzhu Yutong
  - 8.4.1 Tianzhu Yutong Company Details
  - 8.4.2 Company Description and Business Overview
  - 8.4.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.4.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.4.5 Tianzhu Yutong Recent Development
- 8.5 Cumi Murugappa
  - 8.5.1 Cumi Murugappa Company Details
  - 8.5.2 Company Description and Business Overview
  - 8.5.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.5.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.5.5 Cumi Murugappa Recent Development
- 8.6 Elsid S.A
  - 8.6.1 Elsid S.A Company Details
  - 8.6.2 Company Description and Business Overview
  - 8.6.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.6.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.6.5 Elsid S.A Recent Development
- 8.7 Washington Mills
  - 8.7.1 Washington Mills Company Details
  - 8.7.2 Company Description and Business Overview
  - 8.7.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.7.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.7.5 Washington Mills Recent Development
- 8.8 ESD-SIC
  - 8.8.1 ESD-SIC Company Details
  - 8.8.2 Company Description and Business Overview
  - 8.8.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.8.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.8.5 ESD-SIC Recent Development
- 8.9 Erdos
  - 8.9.1 Erdos Company Details
  - 8.9.2 Company Description and Business Overview
  - 8.9.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.9.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.9.5 Erdos Recent Development
- 8.10 Ningxia Jinjing
  - 8.10.1 Ningxia Jinjing Company Details
  - 8.10.2 Company Description and Business Overview
  - 8.10.3 Production and Revenue of Silicon Carbide for Semiconductor
  - 8.10.4 Silicon Carbide for Semiconductor Product Introduction
  - 8.10.5 Ningxia Jinjing Recent Development
- 8.11 Elmet
- 8.12 Snam Abrasives
- 8.13 ESK-SIC
- 8.14 Navarro
- 8.15 Pacific Rundum

9 Market Forecast
- 9.1 Global Market Size Forecast
  - 9.1.1 Global Silicon Carbide for Semiconductor Capacity, Production Forecast 2019-2025
  - 9.1.2 Global Silicon Carbide for Semiconductor Production Value Forecast 2019-2025
- 9.2 Market Forecast by Regions
  - 9.2.1 Global Silicon Carbide for Semiconductor Production and Value Forecast by Regions 2019-2025
  - 9.2.2 Global Silicon Carbide for Semiconductor Consumption Forecast by Regions 2019-2025
- 9.3 United States
  - 9.3.1 Production and Value Forecast in United States
  - 9.3.2 Consumption Forecast in United States
- 9.4 European Union
  - 9.4.1 Production and Value Forecast in European Union
9.4.2 Consumption Forecast in European Union

9.5 China
   9.5.1 Production and Value Forecast in China
   9.5.2 Consumption Forecast in China

9.6 Rest of World
   9.6.1 Japan
   9.6.2 Korea
   9.6.3 India
   9.6.4 Southeast Asia

9.7 Forecast by Type
   9.7.1 Global Silicon Carbide for Semiconductor Production Forecast by Type
   9.7.2 Global Silicon Carbide for Semiconductor Production Value Forecast by Type

9.8 Consumption Forecast by Application

10 Value Chain and Sales Channels Analysis
   10.1 Value Chain Analysis
   10.2 Sales Channels Analysis
      10.2.1 Silicon Carbide for Semiconductor Sales Channels
      10.2.2 Silicon Carbide for Semiconductor Distributors
      10.3 Silicon Carbide for Semiconductor Customers

11 Opportunities & Challenges, Threat and Affecting Factors
   11.1 Market Opportunities
   11.2 Market Challenges
   11.3 Porter's Five Forces Analysis

12 Key Findings

13 Appendix
   13.1 Research Methodology
      13.1.1 Methodology/Research Approach
         ■ 13.1.1.1 Research Programs/Design
         ■ 13.1.1.2 Market Size Estimation
         ■ 13.1.1.3 Market Breakdown and Data Triangulation
      13.1.2 Data Source
         ■ 13.1.2.1 Secondary Sources
         ■ 13.1.2.2 Primary Sources
   13.2 Author Details