

# Global CVD Silicon Carbide Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global CVD Silicon Carbide market size is expected to reach \$ 1488.7 million by 2029, rising at a market growth of 8.7% CAGR during the forecast period (2023-2029).

Global key players of CVD Silicon Carbide include Tokai Carbon, Sgl Carbon, Toyo Tanso, Mersen, Morgan Advanced Materials, etc. The top five players hold a share about 60%. United States is the largest producer, has a share about 37%, followed by South Korea and Japan, with share 31% and 24%, respectively. The largest market is Asia-Pacific, with a share about 67.5%. In terms of product type, Low Resistivity Grade is the largest segment, occupied for a share of about 52%, and in terms of application, Plasma Etch Components has a share about 48 percent.

CVD silicon carbide is a high-purity, homogeneous, fine-grained substrate material with very good mechanical, optical, and thermal properties. The report covers CVD Silicon Carbide solid products.

This report studies the global CVD Silicon Carbide production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for CVD Silicon Carbide, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of CVD Silicon Carbide that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CVD Silicon Carbide total production and demand, 2018-2029, (K Units)

Global CVD Silicon Carbide total production value, 2018-2029, (USD Million)

Global CVD Silicon Carbide production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global CVD Silicon Carbide consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: CVD Silicon Carbide domestic production, consumption, key domestic manufacturers and share

Global CVD Silicon Carbide production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global CVD Silicon Carbide production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global CVD Silicon Carbide production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global CVD Silicon Carbide market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tokai Carbon, Morgan Advanced Materials, Ferrotec, CoorsTek, AGC, SKC Solmics, Sgl Carbon, Toyo Tanso and Mersen, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World CVD Silicon Carbide market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global CVD Silicon Carbide Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global CVD Silicon Carbide Market, Segmentation by Type

Low Resistivity Grade

Middle Resistivity Grade

High Resistivity Grade

#### Global CVD Silicon Carbide Market, Segmentation by Application

Rapid Thermal Process Components

Plasma Etch Components

Susceptors and Dummy Wafer

LED Wafer Carriers and Cover Plates

Others

#### Companies Profiled:

Tokai Carbon

Morgan Advanced Materials

Ferrotec

CoorsTek

AGC

SKC Solmics

Sgl Carbon

Toyo Tanso

Mersen

Zhicheng Semiconductor

#### Key Questions Answered

1. How big is the global CVD Silicon Carbide market?
2. What is the demand of the global CVD Silicon Carbide market?
3. What is the year over year growth of the global CVD Silicon Carbide market?
4. What is the production and production value of the global CVD Silicon Carbide market?

5. Who are the key producers in the global CVD Silicon Carbide market?

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Figure 53. CVD Silicon Carbide Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

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