

# Global C/SiC Composite Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global C/SiC Composite market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

C/SiC composites are used in high-temperature and aerospace applications for their lightweight and heat-resistant properties.

Carbon fiber reinforced silicon carbide matrix composite, combining the properties of carbon fiber and silicon carbide.

This report studies the global C/SiC Composite production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for C/SiC Composite, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of C/SiC Composite that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global C/SiC Composite total production and demand, 2019-2030, (Tons)

Global C/SiC Composite total production value, 2019-2030, (USD Million)

Global C/SiC Composite production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global C/SiC Composite consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: C/SiC Composite domestic production, consumption, key domestic manufacturers and share

Global C/SiC Composite production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global C/SiC Composite production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global C/SiC Composite production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global C/SiC Composite 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 GE Aviation, Safran, Rolls-Royce Group, CoorsTek, BJS Ceramics GmbH, Schunk Carbon Technology and SGL, 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 C/SiC Composite market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global C/SiC Composite Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global C/SiC Composite Market, Segmentation by Type

Chemical Vapor Deposition (CVD)

Liquid Phase Impregnation (LPI)

#### Global C/SiC Composite Market, Segmentation by Application

Aviation

Space

Electrical Engineering

Others

#### Companies Profiled:

GE Aviation

Safran

Rolls-Royce Group

CoorsTek

BJS Ceramics GmbH

Schunk Carbon Technology

SGL

### Key Questions Answered

1. How big is the global C/SiC Composite market?
2. What is the demand of the global C/SiC Composite market?
3. What is the year over year growth of the global C/SiC Composite market?
4. What is the production and production value of the global C/SiC Composite market?
5. Who are the key producers in the global C/SiC Composite market?

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