

Global SiC Coated Graphite Components Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global SiC Coated Graphite Components market size was valued at US\$ 865 million in 2024 and is forecast to a readjusted size of USD 1402 million by 2031 with a CAGR of 7.2% during review period.

SiC coated graphite components mainly include graphite susceptor, graphite crucible, graphite tray and graphite boat. Among them, the main CVD SiC graphite susceptor companies include Toyo Tanso, SGL Carbon, Tokai Carbon, Mersen, Bay Carbon and CoorsTek. The global top 3 companies account for more than 70% of the market share.

This report is a detailed and comprehensive analysis for global SiC Coated Graphite Components market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global SiC Coated Graphite Components market size and forecasts, in consumption value (\$ Million), 2020-2031

Global SiC Coated Graphite Components market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global SiC Coated Graphite Components market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global SiC Coated Graphite Components market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for SiC Coated Graphite Components
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global SiC Coated Graphite Components market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Momentive Technologies, Toyo Tanso, SGL Carbon, Tokai Carbon, Mersen, Bay Carbon, CoorsTek, Schunk Xycarb Technology, Shenzhen ZhiCheng Semiconductor, Ningbo Hiper, etc.

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

Market segmentation

SiC Coated Graphite Components market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Graphite Susceptor

Graphite Crucible

Graphite Tray

Graphite Boat

Market segment by Application

Single Crystal Growth Furnace

Epitaxy Furnace

MOCVD

ALD

Others

Market segment by players, this report covers

Momentive Technologies

Toyo Tanso

SGL Carbon

Tokai Carbon

Mersen

Bay Carbon

CoorsTek

Schunk Xycarb Technology

Shenzhen ZhiCheng Semiconductor

Ningbo Hiper

Hunan Xingsheng

LIUFANG TECH

TOP SEIKO Co.,Ltd

PremaTech Advanced Ceramics

Ferrotec Material Technologies

Morgan Technical Ceramics

Max Luck Technology

PremaTech Advanced Ceramics

HANA Materials

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe SiC Coated Graphite Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of SiC Coated Graphite Components, with revenue, gross margin, and global market share of SiC Coated Graphite Components from 2020 to 2025.

Chapter 3, the SiC Coated Graphite Components competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with

revenue and market share for key countries in the world, from 2020 to 2025.and SiC Coated Graphite Components market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of SiC Coated Graphite Components.

Chapter 13, to describe SiC Coated Graphite Components research findings and conclusion.

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