

# Global Graphite Thermal Field for SiC Crystal Growth Furnace Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/G001241A3D6EEN.html>

Date: June 2024

Pages: 101

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

ID: G001241A3D6EEN

## Abstracts

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

Graphite is commonly used in thermal fields for SiC (Silicon Carbide) crystal growth furnaces. SiC crystal growth relies on a high-temperature process called the physical vapor transport (PVT) method, which necessitates a stable and uniform thermal environment. Graphite components are ideal for creating this thermal field due to their excellent thermal conductivity, high temperature resistance, and chemical inertness.

The global Graphite Thermal Field for SiC Crystal Growth Furnace market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LPI (LP Information)' newest research report, the "Graphite Thermal Field for SiC Crystal Growth Furnace Industry Forecast" looks at past sales and reviews total world Graphite Thermal Field for SiC Crystal Growth Furnace sales in 2022, providing a comprehensive analysis by region and market sector of projected Graphite Thermal Field for SiC Crystal Growth Furnace sales for 2023 through 2029. With Graphite Thermal Field for SiC Crystal Growth Furnace sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Graphite Thermal Field for SiC Crystal Growth Furnace industry.

This Insight Report provides a comprehensive analysis of the global Graphite Thermal Field for SiC Crystal Growth Furnace landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading

global companies with a focus on Graphite Thermal Field for SiC Crystal Growth Furnace portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Graphite Thermal Field for SiC Crystal Growth Furnace market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Graphite Thermal Field for SiC Crystal Growth Furnace 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 Graphite Thermal Field for SiC Crystal Growth Furnace.

United States market for Graphite Thermal Field for SiC Crystal Growth Furnace is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Graphite Thermal Field for SiC Crystal Growth Furnace is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Graphite Thermal Field for SiC Crystal Growth Furnace is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Graphite Thermal Field for SiC Crystal Growth Furnace players cover TOYO TANSO, SGL Carbon, Mersen, Tokai Carbon Co, Jinghang Special Carbon Technology Co, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Graphite Thermal Field for SiC Crystal Growth Furnace market by product type, application, key players and key regions and countries.

Segmentation by Type:

Crucible

Insulation Materials

Heater

Seed Crystal Holder

Backflow Ring

Others

Segmentation by Application:

Replacement and Modification

OEM

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

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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 analyzing the company's coverage, product portfolio, its market penetration.

TOYO TANSO

SGL Carbon

Mersen

Tokai Carbon Co

Jinghang Special Carbon Technology Co

Hangzhou Vulcan New Material Technology Co

Chengdu Atek Special Graphite Co

Liaoning Aoyida Advanced Materials

Shandong Weiji Carbon-tech Co

Beijing North Yi Heng Graphite Technology Co

Chengdu Carbon Co

Shen Zhen Glodstone Technology Co

Ningbo HONGXIN NEW MATERIAL Technology Co

Saimaike Advanced Materials Co

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