

# Global Thermal Field Carbon Carbon Composite Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G88C49435418EN.html>

Date: January 2026

Pages: 120

Price: US\$ 4,480.00 (Single User License)

ID: G88C49435418EN

## Abstracts

The global Thermal Field Carbon Carbon Composite market size is expected to reach \$ 2540 million by 2032, rising at a market growth of 5.1% CAGR during the forecast period (2026-2032).

Thermal Field Carbon Carbon Composite refers to carbon fiber-reinforced carbon materials used as functional and structural components inside a furnace hot zone / thermal field. In essence, it is a carbon or graphite matrix reinforced by strong carbon fibers, selected for demanding high-temperature service where low thermal expansion, high thermal-shock tolerance, and high-temperature mechanical integrity are needed. The upstream chain starts with carbon fibers and resins/pitches. Preforms are shaped by lamination or winding and then pressed and cured, followed by carbonization. Downstream, C/C thermal-field parts are integrated into crystal growth and high-temperature processing equipment to shape temperature gradients and protect/hold hot-zone assemblies.

In 2025, global sales of Thermal Field Carbon Carbon Composite reached approximately 38 K tons, with an average global market price of around US\$ 46/kg. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 10% to 40%.

Thermal field carbon carbon composites are critical consumables for high-temperature crystal growth processes, so demand closely tracks the expansion cadence of silicon wafers and SiC crystal production. When downstream utilization improves, growers tend to run furnaces harder and replace hot-zone parts more frequently, lifting consumption. When the value chain comes under pricing and profit pressure, customers often extend service life, increase refurbishment/regeneration, and standardize spare parts?making purchasing cycles noticeably more volatile.

On the supply side, competition is shifting from pure capacity expansion to a combination of performance, cost, and delivery capability. The mainstream direction is

larger sizes, higher purity, and lower metallic impurities, together with integrated forming of complex structures, precision machining, and surface treatments?pushing products from standardized parts toward more customized solutions. At the same time, gaps in customer qualification, materials systems, and quality management continue to differentiate suppliers, and leading vendors strengthen stickiness by partnering with equipment makers and end customers while offering full hot-zone solution packages. Over the medium to long term, high-temperature processes in semiconductors and third-generation materials place stricter requirements on stability, consistency, and reliability, which supports a higher mix of premium products and better earnings quality. For suppliers, the key to navigating cycles lies in diversifying end-markets, improving yield and recycling/remanufacturing capability, and building tighter integration across raw materials and processing?so they can recover delivery momentum and pricing power faster when demand rebounds.

This report studies the global Thermal Field Carbon Carbon Composite production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thermal Field Carbon Carbon Composite and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thermal Field Carbon Carbon Composite that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Thermal Field Carbon Carbon Composite total production and demand, 2021-2032, (Tons)

Global Thermal Field Carbon Carbon Composite total production value, 2021-2032, (USD Million)

Global Thermal Field Carbon Carbon Composite production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Thermal Field Carbon Carbon Composite consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Thermal Field Carbon Carbon Composite domestic production, consumption, key domestic manufacturers and share

Global Thermal Field Carbon Carbon Composite production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Thermal Field Carbon Carbon Composite production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Thermal Field Carbon Carbon Composite production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Thermal Field Carbon Carbon 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 SGL Carbon, Toyo Tanso, Mersen, Schunk, Nippon Carbon, Tokai Carbon, Neftec, KORCARB, CFC DESIGN, Shaanxi Zhongtian Rocket Technology, 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 Thermal Field Carbon Carbon Composite market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Thermal Field Carbon Carbon Composite Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thermal Field Carbon Carbon Composite Market, Segmentation by Type:

Chemical Vapor Deposition

Liquid Impregnation Process

Global Thermal Field Carbon Carbon Composite Market, Segmentation by Reinforcement Architecture:

2D

2.5D

3D

Other

Global Thermal Field Carbon Carbon Composite Market, Segmentation by Coating:

Uncoated

Coated

Global Thermal Field Carbon Carbon Composite Market, Segmentation by Application:

Semiconductor

Aerospace

Automobile

Other

**Companies Profiled:**

SGL Carbon

Toyo Tanso

Mersen

Schunk

Nippon Carbon

Tokai Carbon

Neftec

KORCARB

CFC DESIGN

Shaanxi Zhongtian Rocket Technology

KBC

**Key Questions Answered:**

1. How big is the global Thermal Field Carbon Carbon Composite market?
2. What is the demand of the global Thermal Field Carbon Carbon Composite market?
3. What is the year over year growth of the global Thermal Field Carbon Carbon Composite market?
4. What is the production and production value of the global Thermal Field Carbon Carbon Composite market?
5. Who are the key producers in the global Thermal Field Carbon Carbon Composite market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Thermal Field Carbon Carbon Composite Introduction
- 1.2 World Thermal Field Carbon Carbon Composite Supply & Forecast
  - 1.2.1 World Thermal Field Carbon Carbon Composite Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Thermal Field Carbon Carbon Composite Production (2021-2032)
  - 1.2.3 World Thermal Field Carbon Carbon Composite Pricing Trends (2021-2032)
- 1.3 World Thermal Field Carbon Carbon Composite Production by Region (Based on Production Site)
  - 1.3.1 World Thermal Field Carbon Carbon Composite Production Value by Region (2021-2032)
  - 1.3.2 World Thermal Field Carbon Carbon Composite Production by Region (2021-2032)
  - 1.3.3 World Thermal Field Carbon Carbon Composite Average Price by Region (2021-2032)
  - 1.3.4 North America Thermal Field Carbon Carbon Composite Production (2021-2032)
  - 1.3.5 Europe Thermal Field Carbon Carbon Composite Production (2021-2032)
  - 1.3.6 China Thermal Field Carbon Carbon Composite Production (2021-2032)
  - 1.3.7 Japan Thermal Field Carbon Carbon Composite Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Thermal Field Carbon Carbon Composite Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Thermal Field Carbon Carbon Composite Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Thermal Field Carbon Carbon Composite Demand (2021-2032)
- 2.2 World Thermal Field Carbon Carbon Composite Consumption by Region
  - 2.2.1 World Thermal Field Carbon Carbon Composite Consumption by Region (2021-2026)
  - 2.2.2 World Thermal Field Carbon Carbon Composite Consumption Forecast by Region (2027-2032)
- 2.3 United States Thermal Field Carbon Carbon Composite Consumption (2021-2032)
- 2.4 China Thermal Field Carbon Carbon Composite Consumption (2021-2032)
- 2.5 Europe Thermal Field Carbon Carbon Composite Consumption (2021-2032)
- 2.6 Japan Thermal Field Carbon Carbon Composite Consumption (2021-2032)

- 2.7 South Korea Thermal Field Carbon Carbon Composite Consumption (2021-2032)
- 2.8 ASEAN Thermal Field Carbon Carbon Composite Consumption (2021-2032)
- 2.9 India Thermal Field Carbon Carbon Composite Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Thermal Field Carbon Carbon Composite Production Value by Manufacturer (2021-2026)
- 3.2 World Thermal Field Carbon Carbon Composite Production by Manufacturer (2021-2026)
- 3.3 World Thermal Field Carbon Carbon Composite Average Price by Manufacturer (2021-2026)
- 3.4 Thermal Field Carbon Carbon Composite Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Thermal Field Carbon Carbon Composite Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Thermal Field Carbon Carbon Composite in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Thermal Field Carbon Carbon Composite in 2025
- 3.6 Thermal Field Carbon Carbon Composite Market: Overall Company Footprint Analysis
  - 3.6.1 Thermal Field Carbon Carbon Composite Market: Region Footprint
  - 3.6.2 Thermal Field Carbon Carbon Composite Market: Company Product Type Footprint
  - 3.6.3 Thermal Field Carbon Carbon Composite Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Thermal Field Carbon Carbon Composite Production Value Comparison
  - 4.1.1 United States VS China: Thermal Field Carbon Carbon Composite Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Thermal Field Carbon Carbon Composite Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Thermal Field Carbon Carbon Composite Production Comparison

4.2.1 United States VS China: Thermal Field Carbon Carbon Composite Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Thermal Field Carbon Carbon Composite Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Thermal Field Carbon Carbon Composite Consumption Comparison

4.3.1 United States VS China: Thermal Field Carbon Carbon Composite Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Thermal Field Carbon Carbon Composite Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Thermal Field Carbon Carbon Composite Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Thermal Field Carbon Carbon Composite Production Value (2021-2026)

4.4.3 United States Based Manufacturers Thermal Field Carbon Carbon Composite Production (2021-2026)

4.5 China Based Thermal Field Carbon Carbon Composite Manufacturers and Market Share

4.5.1 China Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Thermal Field Carbon Carbon Composite Production Value (2021-2026)

4.5.3 China Based Manufacturers Thermal Field Carbon Carbon Composite Production (2021-2026)

4.6 Rest of World Based Thermal Field Carbon Carbon Composite Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Thermal Field Carbon Carbon Composite Market Size Overview by Type:  
2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Chemical Vapor Deposition

5.2.2 Liquid Impregnation Process

5.3 Market Segment by Type

5.3.1 World Thermal Field Carbon Carbon Composite Production by Type (2021-2032)

5.3.2 World Thermal Field Carbon Carbon Composite Production Value by Type  
(2021-2032)

5.3.3 World Thermal Field Carbon Carbon Composite Average Price by Type  
(2021-2032)

## **6 MARKET ANALYSIS BY REINFORCEMENT ARCHITECTURE**

6.1 World Thermal Field Carbon Carbon Composite Market Size Overview by  
Reinforcement Architecture: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Reinforcement Architecture

6.2.1 2D

6.2.2 2.5D

6.2.3 3D

6.2.4 Other

6.3 Market Segment by Reinforcement Architecture

6.3.1 World Thermal Field Carbon Carbon Composite Production by Reinforcement  
Architecture (2021-2032)

6.3.2 World Thermal Field Carbon Carbon Composite Production Value by  
Reinforcement Architecture (2021-2032)

6.3.3 World Thermal Field Carbon Carbon Composite Average Price by Reinforcement  
Architecture (2021-2032)

## **7 MARKET ANALYSIS BY COATING**

7.1 World Thermal Field Carbon Carbon Composite Market Size Overview by Coating:  
2021 VS 2025 VS 2032

7.2 Segment Introduction by Coating

7.2.1 Uncoated

7.2.2 Coated

### 7.3 Market Segment by Coating

7.3.1 World Thermal Field Carbon Carbon Composite Production by Coating (2021-2032)

7.3.2 World Thermal Field Carbon Carbon Composite Production Value by Coating (2021-2032)

7.3.3 World Thermal Field Carbon Carbon Composite Average Price by Coating (2021-2032)

## 8 MARKET ANALYSIS BY APPLICATION

8.1 World Thermal Field Carbon Carbon Composite Market Size Overview by Application: 2021 VS 2025 VS 2032

### 8.2 Segment Introduction by Application

8.2.1 Semiconductor

8.2.2 Aerospace

8.2.3 Automobile

8.2.4 Other

### 8.3 Market Segment by Application

8.3.1 World Thermal Field Carbon Carbon Composite Production by Application (2021-2032)

8.3.2 World Thermal Field Carbon Carbon Composite Production Value by Application (2021-2032)

8.3.3 World Thermal Field Carbon Carbon Composite Average Price by Application (2021-2032)

## 9 COMPANY PROFILES

### 9.1 SGL Carbon

9.1.1 SGL Carbon Details

9.1.2 SGL Carbon Major Business

9.1.3 SGL Carbon Thermal Field Carbon Carbon Composite Product and Services

9.1.4 SGL Carbon Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 SGL Carbon Recent Developments/Updates

9.1.6 SGL Carbon Competitive Strengths & Weaknesses

### 9.2 Toyo Tanso

9.2.1 Toyo Tanso Details

9.2.2 Toyo Tanso Major Business

9.2.3 Toyo Tanso Thermal Field Carbon Carbon Composite Product and Services

9.2.4 Toyo Tanso Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Toyo Tanso Recent Developments/Updates

9.2.6 Toyo Tanso Competitive Strengths & Weaknesses

9.3 Mersen

9.3.1 Mersen Details

9.3.2 Mersen Major Business

9.3.3 Mersen Thermal Field Carbon Carbon Composite Product and Services

9.3.4 Mersen Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Mersen Recent Developments/Updates

9.3.6 Mersen Competitive Strengths & Weaknesses

9.4 Schunk

9.4.1 Schunk Details

9.4.2 Schunk Major Business

9.4.3 Schunk Thermal Field Carbon Carbon Composite Product and Services

9.4.4 Schunk Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Schunk Recent Developments/Updates

9.4.6 Schunk Competitive Strengths & Weaknesses

9.5 Nippon Carbon

9.5.1 Nippon Carbon Details

9.5.2 Nippon Carbon Major Business

9.5.3 Nippon Carbon Thermal Field Carbon Carbon Composite Product and Services

9.5.4 Nippon Carbon Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Nippon Carbon Recent Developments/Updates

9.5.6 Nippon Carbon Competitive Strengths & Weaknesses

9.6 Tokai Carbon

9.6.1 Tokai Carbon Details

9.6.2 Tokai Carbon Major Business

9.6.3 Tokai Carbon Thermal Field Carbon Carbon Composite Product and Services

9.6.4 Tokai Carbon Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Tokai Carbon Recent Developments/Updates

9.6.6 Tokai Carbon Competitive Strengths & Weaknesses

9.7 Neftec

9.7.1 Neftec Details

9.7.2 Neftec Major Business

- 9.7.3 Neftec Thermal Field Carbon Carbon Composite Product and Services
- 9.7.4 Neftec Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 Neftec Recent Developments/Updates
- 9.7.6 Neftec Competitive Strengths & Weaknesses
- 9.8 KORCARB
  - 9.8.1 KORCARB Details
  - 9.8.2 KORCARB Major Business
  - 9.8.3 KORCARB Thermal Field Carbon Carbon Composite Product and Services
  - 9.8.4 KORCARB Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 KORCARB Recent Developments/Updates
  - 9.8.6 KORCARB Competitive Strengths & Weaknesses
- 9.9 CFC DESIGN
  - 9.9.1 CFC DESIGN Details
  - 9.9.2 CFC DESIGN Major Business
  - 9.9.3 CFC DESIGN Thermal Field Carbon Carbon Composite Product and Services
  - 9.9.4 CFC DESIGN Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.9.5 CFC DESIGN Recent Developments/Updates
  - 9.9.6 CFC DESIGN Competitive Strengths & Weaknesses
- 9.10 Shaanxi Zhongtian Rocket Technology
  - 9.10.1 Shaanxi Zhongtian Rocket Technology Details
  - 9.10.2 Shaanxi Zhongtian Rocket Technology Major Business
  - 9.10.3 Shaanxi Zhongtian Rocket Technology Thermal Field Carbon Carbon Composite Product and Services
  - 9.10.4 Shaanxi Zhongtian Rocket Technology Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 Shaanxi Zhongtian Rocket Technology Recent Developments/Updates
  - 9.10.6 Shaanxi Zhongtian Rocket Technology Competitive Strengths & Weaknesses
- 9.11 KBC
  - 9.11.1 KBC Details
  - 9.11.2 KBC Major Business
  - 9.11.3 KBC Thermal Field Carbon Carbon Composite Product and Services
  - 9.11.4 KBC Thermal Field Carbon Carbon Composite Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.11.5 KBC Recent Developments/Updates
  - 9.11.6 KBC Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

10.1 Thermal Field Carbon Carbon Composite Industry Chain

10.2 Thermal Field Carbon Carbon Composite Upstream Analysis

10.2.1 Thermal Field Carbon Carbon Composite Core Raw Materials

10.2.2 Main Manufacturers of Thermal Field Carbon Carbon Composite Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Thermal Field Carbon Carbon Composite Production Mode

10.6 Thermal Field Carbon Carbon Composite Procurement Model

10.7 Thermal Field Carbon Carbon Composite Industry Sales Model and Sales Channels

10.7.1 Thermal Field Carbon Carbon Composite Sales Model

10.7.2 Thermal Field Carbon Carbon Composite Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Thermal Field Carbon Carbon Composite Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Thermal Field Carbon Carbon Composite Production Value by Region (2021-2026) & (USD Million)

Table 3. World Thermal Field Carbon Carbon Composite Production Value by Region (2027-2032) & (USD Million)

Table 4. World Thermal Field Carbon Carbon Composite Production Value Market Share by Region (2021-2026)

Table 5. World Thermal Field Carbon Carbon Composite Production Value Market Share by Region (2027-2032)

Table 6. World Thermal Field Carbon Carbon Composite Production by Region (2021-2026) & (Tons)

Table 7. World Thermal Field Carbon Carbon Composite Production by Region (2027-2032) & (Tons)

Table 8. World Thermal Field Carbon Carbon Composite Production Market Share by Region (2021-2026)

Table 9. World Thermal Field Carbon Carbon Composite Production Market Share by Region (2027-2032)

Table 10. World Thermal Field Carbon Carbon Composite Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Thermal Field Carbon Carbon Composite Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Thermal Field Carbon Carbon Composite Major Market Trends

Table 13. World Thermal Field Carbon Carbon Composite Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Thermal Field Carbon Carbon Composite Consumption by Region (2021-2026) & (Tons)

Table 15. World Thermal Field Carbon Carbon Composite Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Thermal Field Carbon Carbon Composite Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Thermal Field Carbon Carbon Composite Producers in 2025

Table 18. World Thermal Field Carbon Carbon Composite Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Thermal Field Carbon Carbon Composite Producers in 2025

Table 20. World Thermal Field Carbon Carbon Composite Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global Thermal Field Carbon Carbon Composite Company Evaluation Quadrant

Table 22. World Thermal Field Carbon Carbon Composite Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Thermal Field Carbon Carbon Composite Production Site of Key Manufacturer

Table 24. Thermal Field Carbon Carbon Composite Market: Company Product Type Footprint

Table 25. Thermal Field Carbon Carbon Composite Market: Company Product Application Footprint

Table 26. Thermal Field Carbon Carbon Composite Competitive Factors

Table 27. Thermal Field Carbon Carbon Composite New Entrant and Capacity Expansion Plans

Table 28. Thermal Field Carbon Carbon Composite Mergers & Acquisitions Activity

Table 29. United States VS China Thermal Field Carbon Carbon Composite Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Thermal Field Carbon Carbon Composite Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Thermal Field Carbon Carbon Composite Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Thermal Field Carbon Carbon Composite Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Thermal Field Carbon Carbon Composite Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Thermal Field Carbon Carbon Composite Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share (2021-2026)

Table 37. China Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Thermal Field Carbon Carbon Composite Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Thermal Field Carbon Carbon Composite

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Thermal Field Carbon Carbon Composite Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share (2021-2026)

Table 42. Rest of World Based Thermal Field Carbon Carbon Composite Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share (2021-2026)

Table 47. World Thermal Field Carbon Carbon Composite Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Thermal Field Carbon Carbon Composite Production by Type (2021-2026) & (Tons)

Table 49. World Thermal Field Carbon Carbon Composite Production by Type (2027-2032) & (Tons)

Table 50. World Thermal Field Carbon Carbon Composite Production Value by Type (2021-2026) & (USD Million)

Table 51. World Thermal Field Carbon Carbon Composite Production Value by Type (2027-2032) & (USD Million)

Table 52. World Thermal Field Carbon Carbon Composite Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Thermal Field Carbon Carbon Composite Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Thermal Field Carbon Carbon Composite Production Value by Reinforcement Architecture, (USD Million), 2021 & 2025 & 2032

Table 55. World Thermal Field Carbon Carbon Composite Production by Reinforcement Architecture (2021-2026) & (Tons)

Table 56. World Thermal Field Carbon Carbon Composite Production by Reinforcement Architecture (2027-2032) & (Tons)

Table 57. World Thermal Field Carbon Carbon Composite Production Value by Reinforcement Architecture (2021-2026) & (USD Million)

Table 58. World Thermal Field Carbon Carbon Composite Production Value by Reinforcement Architecture (2027-2032) & (USD Million)

- Table 59. World Thermal Field Carbon Carbon Composite Average Price by Reinforcement Architecture (2021-2026) & (US\$/kg)
- Table 60. World Thermal Field Carbon Carbon Composite Average Price by Reinforcement Architecture (2027-2032) & (US\$/kg)
- Table 61. World Thermal Field Carbon Carbon Composite Production Value by Coating, (USD Million), 2021 & 2025 & 2032
- Table 62. World Thermal Field Carbon Carbon Composite Production by Coating (2021-2026) & (Tons)
- Table 63. World Thermal Field Carbon Carbon Composite Production by Coating (2027-2032) & (Tons)
- Table 64. World Thermal Field Carbon Carbon Composite Production Value by Coating (2021-2026) & (USD Million)
- Table 65. World Thermal Field Carbon Carbon Composite Production Value by Coating (2027-2032) & (USD Million)
- Table 66. World Thermal Field Carbon Carbon Composite Average Price by Coating (2021-2026) & (US\$/kg)
- Table 67. World Thermal Field Carbon Carbon Composite Average Price by Coating (2027-2032) & (US\$/kg)
- Table 68. World Thermal Field Carbon Carbon Composite Production Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 69. World Thermal Field Carbon Carbon Composite Production by Application (2021-2026) & (Tons)
- Table 70. World Thermal Field Carbon Carbon Composite Production by Application (2027-2032) & (Tons)
- Table 71. World Thermal Field Carbon Carbon Composite Production Value by Application (2021-2026) & (USD Million)
- Table 72. World Thermal Field Carbon Carbon Composite Production Value by Application (2027-2032) & (USD Million)
- Table 73. World Thermal Field Carbon Carbon Composite Average Price by Application (2021-2026) & (US\$/kg)
- Table 74. World Thermal Field Carbon Carbon Composite Average Price by Application (2027-2032) & (US\$/kg)
- Table 75. SGL Carbon Basic Information, Manufacturing Base and Competitors
- Table 76. SGL Carbon Major Business
- Table 77. SGL Carbon Thermal Field Carbon Carbon Composite Product and Services
- Table 78. SGL Carbon Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 79. SGL Carbon Recent Developments/Updates

Table 80. SGL Carbon Competitive Strengths & Weaknesses

Table 81. Toyo Tanso Basic Information, Manufacturing Base and Competitors

Table 82. Toyo Tanso Major Business

Table 83. Toyo Tanso Thermal Field Carbon Carbon Composite Product and Services

Table 84. Toyo Tanso Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Toyo Tanso Recent Developments/Updates

Table 86. Toyo Tanso Competitive Strengths & Weaknesses

Table 87. Mersen Basic Information, Manufacturing Base and Competitors

Table 88. Mersen Major Business

Table 89. Mersen Thermal Field Carbon Carbon Composite Product and Services

Table 90. Mersen Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Mersen Recent Developments/Updates

Table 92. Mersen Competitive Strengths & Weaknesses

Table 93. Schunk Basic Information, Manufacturing Base and Competitors

Table 94. Schunk Major Business

Table 95. Schunk Thermal Field Carbon Carbon Composite Product and Services

Table 96. Schunk Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Schunk Recent Developments/Updates

Table 98. Schunk Competitive Strengths & Weaknesses

Table 99. Nippon Carbon Basic Information, Manufacturing Base and Competitors

Table 100. Nippon Carbon Major Business

Table 101. Nippon Carbon Thermal Field Carbon Carbon Composite Product and Services

Table 102. Nippon Carbon Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Nippon Carbon Recent Developments/Updates

Table 104. Nippon Carbon Competitive Strengths & Weaknesses

Table 105. Tokai Carbon Basic Information, Manufacturing Base and Competitors

Table 106. Tokai Carbon Major Business

Table 107. Tokai Carbon Thermal Field Carbon Carbon Composite Product and Services

Table 108. Tokai Carbon Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 109. Tokai Carbon Recent Developments/Updates
- Table 110. Tokai Carbon Competitive Strengths & Weaknesses
- Table 111. Neftec Basic Information, Manufacturing Base and Competitors
- Table 112. Neftec Major Business
- Table 113. Neftec Thermal Field Carbon Carbon Composite Product and Services
- Table 114. Neftec Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Neftec Recent Developments/Updates
- Table 116. Neftec Competitive Strengths & Weaknesses
- Table 117. KORCARB Basic Information, Manufacturing Base and Competitors
- Table 118. KORCARB Major Business
- Table 119. KORCARB Thermal Field Carbon Carbon Composite Product and Services
- Table 120. KORCARB Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. KORCARB Recent Developments/Updates
- Table 122. KORCARB Competitive Strengths & Weaknesses
- Table 123. CFC DESIGN Basic Information, Manufacturing Base and Competitors
- Table 124. CFC DESIGN Major Business
- Table 125. CFC DESIGN Thermal Field Carbon Carbon Composite Product and Services
- Table 126. CFC DESIGN Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. CFC DESIGN Recent Developments/Updates
- Table 128. CFC DESIGN Competitive Strengths & Weaknesses
- Table 129. Shaanxi Zhongtian Rocket Technology Basic Information, Manufacturing Base and Competitors
- Table 130. Shaanxi Zhongtian Rocket Technology Major Business
- Table 131. Shaanxi Zhongtian Rocket Technology Thermal Field Carbon Carbon Composite Product and Services
- Table 132. Shaanxi Zhongtian Rocket Technology Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Shaanxi Zhongtian Rocket Technology Recent Developments/Updates
- Table 134. Shaanxi Zhongtian Rocket Technology Competitive Strengths & Weaknesses
- Table 135. KBC Basic Information, Manufacturing Base and Competitors
- Table 136. KBC Major Business

- Table 137. KBC Thermal Field Carbon Carbon Composite Product and Services
- Table 138. KBC Thermal Field Carbon Carbon Composite Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. KBC Recent Developments/Updates
- Table 140. KBC Competitive Strengths & Weaknesses
- Table 141. Global Key Players of Thermal Field Carbon Carbon Composite Upstream (Raw Materials)
- Table 142. Global Thermal Field Carbon Carbon Composite Typical Customers
- Table 143. Thermal Field Carbon Carbon Composite Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Thermal Field Carbon Carbon Composite Picture

Figure 2. World Thermal Field Carbon Carbon Composite Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Thermal Field Carbon Carbon Composite Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Thermal Field Carbon Carbon Composite Production (2021-2032) & (Tons)

Figure 5. World Thermal Field Carbon Carbon Composite Average Price (2021-2032) & (US\$/kg)

Figure 6. World Thermal Field Carbon Carbon Composite Production Value Market Share by Region (2021-2032)

Figure 7. World Thermal Field Carbon Carbon Composite Production Market Share by Region (2021-2032)

Figure 8. North America Thermal Field Carbon Carbon Composite Production (2021-2032) & (Tons)

Figure 9. Europe Thermal Field Carbon Carbon Composite Production (2021-2032) & (Tons)

Figure 10. China Thermal Field Carbon Carbon Composite Production (2021-2032) & (Tons)

Figure 11. Japan Thermal Field Carbon Carbon Composite Production (2021-2032) & (Tons)

Figure 12. Thermal Field Carbon Carbon Composite Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 15. World Thermal Field Carbon Carbon Composite Consumption Market Share by Region (2021-2032)

Figure 16. United States Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 17. China Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 18. Europe Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 19. Japan Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 20. South Korea Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 21. ASEAN Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 22. India Thermal Field Carbon Carbon Composite Consumption (2021-2032) & (Tons)

Figure 23. Producer Shipments of Thermal Field Carbon Carbon Composite by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Thermal Field Carbon Carbon Composite Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Thermal Field Carbon Carbon Composite Markets in 2025

Figure 26. United States VS China: Thermal Field Carbon Carbon Composite Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Thermal Field Carbon Carbon Composite Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Thermal Field Carbon Carbon Composite Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share 2025

Figure 30. China Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Thermal Field Carbon Carbon Composite Production Market Share 2025

Figure 32. World Thermal Field Carbon Carbon Composite Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Thermal Field Carbon Carbon Composite Production Value Market Share by Type in 2025

Figure 34. Chemical Vapor Deposition

Figure 35. Liquid Impregnation Process

Figure 36. World Thermal Field Carbon Carbon Composite Production Market Share by Type (2021-2032)

Figure 37. World Thermal Field Carbon Carbon Composite Production Value Market Share by Type (2021-2032)

Figure 38. World Thermal Field Carbon Carbon Composite Average Price by Type (2021-2032) & (US\$/kg)

Figure 39. World Thermal Field Carbon Carbon Composite Production Value by Reinforcement Architecture, (USD Million), 2021 & 2025 & 2032

Figure 40. World Thermal Field Carbon Carbon Composite Production Value Market

Share by Reinforcement Architecture in 2025

Figure 41. 2D

Figure 42. 2.5D

Figure 43. 3D

Figure 44. Other

Figure 45. World Thermal Field Carbon Carbon Composite Production Market Share by Reinforcement Architecture (2021-2032)

Figure 46. World Thermal Field Carbon Carbon Composite Production Value Market Share by Reinforcement Architecture (2021-2032)

Figure 47. World Thermal Field Carbon Carbon Composite Average Price by Reinforcement Architecture (2021-2032) & (US\$/kg)

Figure 48. World Thermal Field Carbon Carbon Composite Production Value by Coating, (USD Million), 2021 & 2025 & 2032

Figure 49. World Thermal Field Carbon Carbon Composite Production Value Market Share by Coating in 2025

Figure 50. Uncoated

Figure 51. Coated

Figure 52. World Thermal Field Carbon Carbon Composite Production Market Share by Coating (2021-2032)

Figure 53. World Thermal Field Carbon Carbon Composite Production Value Market Share by Coating (2021-2032)

Figure 54. World Thermal Field Carbon Carbon Composite Average Price by Coating (2021-2032) & (US\$/kg)

Figure 55. World Thermal Field Carbon Carbon Composite Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Thermal Field Carbon Carbon Composite Production Value Market Share by Application in 2025

Figure 57. Semiconductor

Figure 58. Aerospace

Figure 59. Automobile

Figure 60. Other

Figure 61. World Thermal Field Carbon Carbon Composite Production Market Share by Application (2021-2032)

Figure 62. World Thermal Field Carbon Carbon Composite Production Value Market Share by Application (2021-2032)

Figure 63. World Thermal Field Carbon Carbon Composite Average Price by Application (2021-2032) & (US\$/kg)

Figure 64. Thermal Field Carbon Carbon Composite Industry Chain

Figure 65. Thermal Field Carbon Carbon Composite Procurement Model

Figure 66. Thermal Field Carbon Carbon Composite Sales Model

Figure 67. Thermal Field Carbon Carbon Composite Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

## I would like to order

Product name: Global Thermal Field Carbon Carbon Composite Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G88C49435418EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G88C49435418EN.html>