

Global High Temperature Carbon Materials Market Growth 2024-2030

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Abstracts

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High temperature carbon materials refer to a class of carbon-based materials specifically designed to withstand and operate effectively under elevated temperatures. These materials possess unique properties that make them suitable for applications where conventional materials would fail due to thermal degradation or mechanical weakness.

The global High Temperature Carbon Materials 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.

LP Information, Inc. (LPI) ' newest research report, the "High Temperature Carbon Materials Industry Forecast" looks at past sales and reviews total world High Temperature Carbon Materials sales in 2023, providing a comprehensive analysis by region and market sector of projected High Temperature Carbon Materials sales for 2024 through 2030. With High Temperature Carbon Materials sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Temperature Carbon Materials industry.

This Insight Report provides a comprehensive analysis of the global High Temperature Carbon Materials landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Temperature Carbon Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique

position in an accelerating global High Temperature Carbon Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Temperature Carbon Materials 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 High Temperature Carbon Materials.

Global key players of isotropic graphite include Toyo Tanso, Tokai Carbon, Mersen, IBIDEN, SGL, etc. The top five players hold a share about 64%. China is the largest producer, has a share about 42%, followed by Japan and North America, with share 26% and 14%, respectively. The largest market is Asia-Pacific, with a share about 65%, followed by North America and Europe, with share 14% and 8%, separately.

This report presents a comprehensive overview, market shares, and growth opportunities of High Temperature Carbon Materials market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Carbon Carbon Composite

Rigid Carbon Insulation

Glassy Carbon Materials

Solid Silicon Carbide (SiC)

Others

Segmentation by Application:

Aerospace and Defense

Automotive

Energy Generation and Storage

Industrial Furnaces and Kilns

Others

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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Toyo Tanso

Tokai Carbon

Mersen

IBIDEN

SGL

NTC

Entegris

Graphite India

GrafTech

Fangda Carbon

Wuxing New Material

Liaoning Dahua

Delmer Group

Guanghan Shida

St Marys Carbon

MWI, Inc.

Key Questions Addressed in this Report

What is the 10-year outlook for the global High Temperature Carbon Materials market?

What factors are driving High Temperature Carbon Materials market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Temperature Carbon Materials market opportunities vary by end market size?

How does High Temperature Carbon Materials break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global High Temperature Carbon Materials Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for High Temperature Carbon Materials by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for High Temperature Carbon Materials by Country/Region, 2019, 2023 & 2030
- 2.2 High Temperature Carbon Materials Segment by Type
 - 2.2.1 Carbon Carbon Composite
 - 2.2.2 Rigid Carbon Insulation
 - 2.2.3 Glassy Carbon Materials
 - 2.2.4 Solid Silicon Carbide (SiC)
 - 2.2.5 Others
- 2.3 High Temperature Carbon Materials Sales by Type
 - 2.3.1 Global High Temperature Carbon Materials Sales Market Share by Type (2019-2024)
 - 2.3.2 Global High Temperature Carbon Materials Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global High Temperature Carbon Materials Sale Price by Type (2019-2024)
- 2.4 High Temperature Carbon Materials Segment by Application
 - 2.4.1 Aerospace and Defense
 - 2.4.2 Automotive
 - 2.4.3 Energy Generation and Storage
 - 2.4.4 Industrial Furnaces and Kilns
 - 2.4.5 Others

2.5 High Temperature Carbon Materials Sales by Application

2.5.1 Global High Temperature Carbon Materials Sale Market Share by Application (2019-2024)

2.5.2 Global High Temperature Carbon Materials Revenue and Market Share by Application (2019-2024)

2.5.3 Global High Temperature Carbon Materials Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global High Temperature Carbon Materials Breakdown Data by Company

3.1.1 Global High Temperature Carbon Materials Annual Sales by Company (2019-2024)

3.1.2 Global High Temperature Carbon Materials Sales Market Share by Company (2019-2024)

3.2 Global High Temperature Carbon Materials Annual Revenue by Company (2019-2024)

3.2.1 Global High Temperature Carbon Materials Revenue by Company (2019-2024)

3.2.2 Global High Temperature Carbon Materials Revenue Market Share by Company (2019-2024)

3.3 Global High Temperature Carbon Materials Sale Price by Company

3.4 Key Manufacturers High Temperature Carbon Materials Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Temperature Carbon Materials Product Location Distribution

3.4.2 Players High Temperature Carbon Materials Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HIGH TEMPERATURE CARBON MATERIALS BY GEOGRAPHIC REGION

4.1 World Historic High Temperature Carbon Materials Market Size by Geographic Region (2019-2024)

4.1.1 Global High Temperature Carbon Materials Annual Sales by Geographic Region (2019-2024)

- 4.1.2 Global High Temperature Carbon Materials Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic High Temperature Carbon Materials Market Size by Country/Region (2019-2024)
 - 4.2.1 Global High Temperature Carbon Materials Annual Sales by Country/Region (2019-2024)
 - 4.2.2 Global High Temperature Carbon Materials Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas High Temperature Carbon Materials Sales Growth
- 4.4 APAC High Temperature Carbon Materials Sales Growth
- 4.5 Europe High Temperature Carbon Materials Sales Growth
- 4.6 Middle East & Africa High Temperature Carbon Materials Sales Growth

5 AMERICAS

- 5.1 Americas High Temperature Carbon Materials Sales by Country
 - 5.1.1 Americas High Temperature Carbon Materials Sales by Country (2019-2024)
 - 5.1.2 Americas High Temperature Carbon Materials Revenue by Country (2019-2024)
- 5.2 Americas High Temperature Carbon Materials Sales by Type (2019-2024)
- 5.3 Americas High Temperature Carbon Materials Sales by Application (2019-2024)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC High Temperature Carbon Materials Sales by Region
 - 6.1.1 APAC High Temperature Carbon Materials Sales by Region (2019-2024)
 - 6.1.2 APAC High Temperature Carbon Materials Revenue by Region (2019-2024)
- 6.2 APAC High Temperature Carbon Materials Sales by Type (2019-2024)
- 6.3 APAC High Temperature Carbon Materials Sales by Application (2019-2024)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

7.1 Europe High Temperature Carbon Materials by Country

7.1.1 Europe High Temperature Carbon Materials Sales by Country (2019-2024)

7.1.2 Europe High Temperature Carbon Materials Revenue by Country (2019-2024)

7.2 Europe High Temperature Carbon Materials Sales by Type (2019-2024)

7.3 Europe High Temperature Carbon Materials Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa High Temperature Carbon Materials by Country

8.1.1 Middle East & Africa High Temperature Carbon Materials Sales by Country (2019-2024)

8.1.2 Middle East & Africa High Temperature Carbon Materials Revenue by Country (2019-2024)

8.2 Middle East & Africa High Temperature Carbon Materials Sales by Type (2019-2024)

8.3 Middle East & Africa High Temperature Carbon Materials Sales by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of High Temperature Carbon Materials
- 10.3 Manufacturing Process Analysis of High Temperature Carbon Materials
- 10.4 Industry Chain Structure of High Temperature Carbon Materials

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 High Temperature Carbon Materials Distributors
- 11.3 High Temperature Carbon Materials Customer

12 WORLD FORECAST REVIEW FOR HIGH TEMPERATURE CARBON MATERIALS BY GEOGRAPHIC REGION

- 12.1 Global High Temperature Carbon Materials Market Size Forecast by Region
 - 12.1.1 Global High Temperature Carbon Materials Forecast by Region (2025-2030)
 - 12.1.2 Global High Temperature Carbon Materials Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global High Temperature Carbon Materials Forecast by Type (2025-2030)
- 12.7 Global High Temperature Carbon Materials Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

- 13.1 Toyo Tanso
 - 13.1.1 Toyo Tanso Company Information
 - 13.1.2 Toyo Tanso High Temperature Carbon Materials Product Portfolios and Specifications
 - 13.1.3 Toyo Tanso High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 Toyo Tanso Main Business Overview
 - 13.1.5 Toyo Tanso Latest Developments
- 13.2 Tokai Carbon
 - 13.2.1 Tokai Carbon Company Information

13.2.2 Tokai Carbon High Temperature Carbon Materials Product Portfolios and Specifications

13.2.3 Tokai Carbon High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Tokai Carbon Main Business Overview

13.2.5 Tokai Carbon Latest Developments

13.3 Mersen

13.3.1 Mersen Company Information

13.3.2 Mersen High Temperature Carbon Materials Product Portfolios and Specifications

13.3.3 Mersen High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Mersen Main Business Overview

13.3.5 Mersen Latest Developments

13.4 IBIDEN

13.4.1 IBIDEN Company Information

13.4.2 IBIDEN High Temperature Carbon Materials Product Portfolios and Specifications

13.4.3 IBIDEN High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 IBIDEN Main Business Overview

13.4.5 IBIDEN Latest Developments

13.5 SGL

13.5.1 SGL Company Information

13.5.2 SGL High Temperature Carbon Materials Product Portfolios and Specifications

13.5.3 SGL High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 SGL Main Business Overview

13.5.5 SGL Latest Developments

13.6 NTC

13.6.1 NTC Company Information

13.6.2 NTC High Temperature Carbon Materials Product Portfolios and Specifications

13.6.3 NTC High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 NTC Main Business Overview

13.6.5 NTC Latest Developments

13.7 Entegris

13.7.1 Entegris Company Information

13.7.2 Entegris High Temperature Carbon Materials Product Portfolios and

Specifications

13.7.3 Entegris High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Entegris Main Business Overview

13.7.5 Entegris Latest Developments

13.8 Graphite India

13.8.1 Graphite India Company Information

13.8.2 Graphite India High Temperature Carbon Materials Product Portfolios and Specifications

13.8.3 Graphite India High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Graphite India Main Business Overview

13.8.5 Graphite India Latest Developments

13.9 GrafTech

13.9.1 GrafTech Company Information

13.9.2 GrafTech High Temperature Carbon Materials Product Portfolios and Specifications

13.9.3 GrafTech High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 GrafTech Main Business Overview

13.9.5 GrafTech Latest Developments

13.10 Fangda Carbon

13.10.1 Fangda Carbon Company Information

13.10.2 Fangda Carbon High Temperature Carbon Materials Product Portfolios and Specifications

13.10.3 Fangda Carbon High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Fangda Carbon Main Business Overview

13.10.5 Fangda Carbon Latest Developments

13.11 Wuxing New Material

13.11.1 Wuxing New Material Company Information

13.11.2 Wuxing New Material High Temperature Carbon Materials Product Portfolios and Specifications

13.11.3 Wuxing New Material High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Wuxing New Material Main Business Overview

13.11.5 Wuxing New Material Latest Developments

13.12 Liaoning Dahua

13.12.1 Liaoning Dahua Company Information

13.12.2 Liaoning Dahua High Temperature Carbon Materials Product Portfolios and Specifications

13.12.3 Liaoning Dahua High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Liaoning Dahua Main Business Overview

13.12.5 Liaoning Dahua Latest Developments

13.13 Delmer Group

13.13.1 Delmer Group Company Information

13.13.2 Delmer Group High Temperature Carbon Materials Product Portfolios and Specifications

13.13.3 Delmer Group High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Delmer Group Main Business Overview

13.13.5 Delmer Group Latest Developments

13.14 Guanghan Shida

13.14.1 Guanghan Shida Company Information

13.14.2 Guanghan Shida High Temperature Carbon Materials Product Portfolios and Specifications

13.14.3 Guanghan Shida High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Guanghan Shida Main Business Overview

13.14.5 Guanghan Shida Latest Developments

13.15 St Marys Carbon

13.15.1 St Marys Carbon Company Information

13.15.2 St Marys Carbon High Temperature Carbon Materials Product Portfolios and Specifications

13.15.3 St Marys Carbon High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 St Marys Carbon Main Business Overview

13.15.5 St Marys Carbon Latest Developments

13.16 MWI, Inc.

13.16.1 MWI, Inc. Company Information

13.16.2 MWI, Inc. High Temperature Carbon Materials Product Portfolios and Specifications

13.16.3 MWI, Inc. High Temperature Carbon Materials Sales, Revenue, Price and Gross Margin (2019-2024)

13.16.4 MWI, Inc. Main Business Overview

13.16.5 MWI, Inc. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

- .
- Table 1. HighTemperature Carbon Materials Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. HighTemperature Carbon Materials Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Carbon Carbon Composite
- Table 4. Major Players of Rigid Carbon Insulation
- Table 5. Major Players of Glassy Carbon Materials
- Table 6. Major Players of Solid Silicon Carbide (SiC)
- Table 7. Major Players of Others
- Table 8. Global HighTemperature Carbon Materials Sales byType (2019-2024) & (Tons)
- Table 9. Global HighTemperature Carbon Materials Sales Market Share byType (2019-2024)
- Table 10. Global HighTemperature Carbon Materials Revenue byType (2019-2024) & (\$ million)
- Table 11. Global HighTemperature Carbon Materials Revenue Market Share byType (2019-2024)
- Table 12. Global HighTemperature Carbon Materials Sale Price byType (2019-2024) & (US\$/Ton)
- Table 13. Global HighTemperature Carbon Materials Sale by Application (2019-2024) & (Tons)
- Table 14. Global HighTemperature Carbon Materials Sale Market Share by Application (2019-2024)
- Table 15. Global HighTemperature Carbon Materials Revenue by Application (2019-2024) & (\$ million)
- Table 16. Global HighTemperature Carbon Materials Revenue Market Share by Application (2019-2024)
- Table 17. Global HighTemperature Carbon Materials Sale Price by Application (2019-2024) & (US\$/Ton)
- Table 18. Global HighTemperature Carbon Materials Sales by Company (2019-2024) & (Tons)
- Table 19. Global HighTemperature Carbon Materials Sales Market Share by Company (2019-2024)
- Table 20. Global HighTemperature Carbon Materials Revenue by Company (2019-2024) & (\$ millions)

Table 21. Global HighTemperature Carbon Materials Revenue Market Share by Company (2019-2024)

Table 22. Global HighTemperature Carbon Materials Sale Price by Company (2019-2024) & (US\$/Ton)

Table 23. Key Manufacturers HighTemperature Carbon Materials Producing Area Distribution and Sales Area

Table 24. Players HighTemperature Carbon Materials Products Offered

Table 25. HighTemperature Carbon Materials Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global HighTemperature Carbon Materials Sales by Geographic Region (2019-2024) & (Tons)

Table 29. Global HighTemperature Carbon Materials Sales Market Share Geographic Region (2019-2024)

Table 30. Global HighTemperature Carbon Materials Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 31. Global HighTemperature Carbon Materials Revenue Market Share by Geographic Region (2019-2024)

Table 32. Global HighTemperature Carbon Materials Sales by Country/Region (2019-2024) & (Tons)

Table 33. Global HighTemperature Carbon Materials Sales Market Share by Country/Region (2019-2024)

Table 34. Global HighTemperature Carbon Materials Revenue by Country/Region (2019-2024) & (\$ millions)

Table 35. Global HighTemperature Carbon Materials Revenue Market Share by Country/Region (2019-2024)

Table 36. Americas HighTemperature Carbon Materials Sales by Country (2019-2024) & (Tons)

Table 37. Americas HighTemperature Carbon Materials Sales Market Share by Country (2019-2024)

Table 38. Americas HighTemperature Carbon Materials Revenue by Country (2019-2024) & (\$ millions)

Table 39. Americas HighTemperature Carbon Materials Sales byType (2019-2024) & (Tons)

Table 40. Americas HighTemperature Carbon Materials Sales by Application (2019-2024) & (Tons)

Table 41. APAC HighTemperature Carbon Materials Sales by Region (2019-2024) & (Tons)

Table 42. APAC HighTemperature Carbon Materials Sales Market Share by Region (2019-2024)

Table 43. APAC HighTemperature Carbon Materials Revenue by Region (2019-2024) & (\$ millions)

Table 44. APAC HighTemperature Carbon Materials Sales byType (2019-2024) & (Tons)

Table 45. APAC HighTemperature Carbon Materials Sales by Application (2019-2024) & (Tons)

Table 46. Europe HighTemperature Carbon Materials Sales by Country (2019-2024) & (Tons)

Table 47. Europe HighTemperature Carbon Materials Revenue by Country (2019-2024) & (\$ millions)

Table 48. Europe HighTemperature Carbon Materials Sales byType (2019-2024) & (Tons)

Table 49. Europe HighTemperature Carbon Materials Sales by Application (2019-2024) & (Tons)

Table 50. Middle East & Africa HighTemperature Carbon Materials Sales by Country (2019-2024) & (Tons)

Table 51. Middle East & Africa HighTemperature Carbon Materials Revenue Market Share by Country (2019-2024)

Table 52. Middle East & Africa HighTemperature Carbon Materials Sales byType (2019-2024) & (Tons)

Table 53. Middle East & Africa HighTemperature Carbon Materials Sales by Application (2019-2024) & (Tons)

Table 54. Key Market Drivers & Growth Opportunities of HighTemperature Carbon Materials

Table 55. Key Market Challenges & Risks of HighTemperature Carbon Materials

Table 56. Key IndustryTrends of HighTemperature Carbon Materials

Table 57. HighTemperature Carbon Materials Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. HighTemperature Carbon Materials Distributors List

Table 60. HighTemperature Carbon Materials Customer List

Table 61. Global HighTemperature Carbon Materials SalesForecast by Region (2025-2030) & (Tons)

Table 62. Global HighTemperature Carbon Materials RevenueForecast by Region (2025-2030) & (\$ millions)

Table 63. Americas HighTemperature Carbon Materials SalesForecast by Country (2025-2030) & (Tons)

Table 64. Americas HighTemperature Carbon Materials Annual RevenueForecast by

Country (2025-2030) & (\$ millions)

Table 65. APAC HighTemperature Carbon Materials SalesForecast by Region
(2025-2030) & (Tons)

Table 66. APAC HighTemperature Carbon Materials Annual RevenueForecast by
Region (2025-2030) & (\$ millions)

Table 67. Europe HighTemperature Carbon Materials SalesForecast by Country
(2025-2030) & (Tons)

Table 68. Europe HighTemperature Carbon Materials RevenueForecast by Country
(2025-2030) & (\$ millions)

Table 69. Middle East & Africa HighTemperature Carbon Materials SalesForecast by
Country (2025-2030) & (Tons)

Table 70. Middle East & Africa HighTemperature Carbon Materials RevenueForecast by
Country (2025-2030) & (\$ millions)

Table 71. Global HighTemperature Carbon Materials SalesForecast byType
(2025-2030) & (Tons)

Table 72. Global HighTemperature Carbon Materials RevenueForecast byType
(2025-2030) & (\$ millions)

Table 73. Global HighTemperature Carbon Materials SalesForecast by Application
(2025-2030) & (Tons)

Table 74. Global HighTemperature Carbon Materials RevenueForecast by Application
(2025-2030) & (\$ millions)

Table 75.ToyoTanso Basic Information, HighTemperature Carbon Materials
Manufacturing Base, Sales Area and Its Competitors

Table 76.ToyoTanso HighTemperature Carbon Materials Product Portfolios and
Specifications

Table 77.ToyoTanso HighTemperature Carbon Materials Sales (Tons), Revenue (\$
Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 78.ToyoTanso Main Business

Table 79.ToyoTanso Latest Developments

Table 80.Tokai Carbon Basic Information, HighTemperature Carbon Materials
Manufacturing Base, Sales Area and Its Competitors

Table 81.Tokai Carbon HighTemperature Carbon Materials Product Portfolios and
Specifications

Table 82.Tokai Carbon HighTemperature Carbon Materials Sales (Tons), Revenue (\$
Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 83.Tokai Carbon Main Business

Table 84.Tokai Carbon Latest Developments

Table 85. Mersen Basic Information, HighTemperature Carbon Materials Manufacturing
Base, Sales Area and Its Competitors

Table 86. Mersen HighTemperature Carbon Materials Product Portfolios and Specifications
Table 87. Mersen HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
Table 88. Mersen Main Business
Table 89. Mersen Latest Developments
Table 90. IBIDEN Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors
Table 91. IBIDEN HighTemperature Carbon Materials Product Portfolios and Specifications
Table 92. IBIDEN HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
Table 93. IBIDEN Main Business
Table 94. IBIDEN Latest Developments
Table 95. SGL Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors
Table 96. SGL HighTemperature Carbon Materials Product Portfolios and Specifications
Table 97. SGL HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
Table 98. SGL Main Business
Table 99. SGL Latest Developments
Table 100. NTC Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors
Table 101. NTC HighTemperature Carbon Materials Product Portfolios and Specifications
Table 102. NTC HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
Table 103. NTC Main Business
Table 104. NTC Latest Developments
Table 105. Entegris Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors
Table 106. Entegris HighTemperature Carbon Materials Product Portfolios and Specifications
Table 107. Entegris HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
Table 108. Entegris Main Business
Table 109. Entegris Latest Developments
Table 110. Graphite India Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 111. Graphite India HighTemperature Carbon Materials Product Portfolios and Specifications

Table 112. Graphite India HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 113. Graphite India Main Business

Table 114. Graphite India Latest Developments

Table 115. GrafTech Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 116. GrafTech HighTemperature Carbon Materials Product Portfolios and Specifications

Table 117. GrafTech HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 118. GrafTech Main Business

Table 119. GrafTech Latest Developments

Table 120. Fangda Carbon Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 121. Fangda Carbon HighTemperature Carbon Materials Product Portfolios and Specifications

Table 122. Fangda Carbon HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 123. Fangda Carbon Main Business

Table 124. Fangda Carbon Latest Developments

Table 125. Wuxing New Material Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 126. Wuxing New Material HighTemperature Carbon Materials Product Portfolios and Specifications

Table 127. Wuxing New Material HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 128. Wuxing New Material Main Business

Table 129. Wuxing New Material Latest Developments

Table 130. Liaoning Dahua Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 131. Liaoning Dahua HighTemperature Carbon Materials Product Portfolios and Specifications

Table 132. Liaoning Dahua HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 133. Liaoning Dahua Main Business

Table 134. Liaoning Dahua Latest Developments

Table 135. Delmer Group Basic Information, HighTemperature Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 136. Delmer Group HighTemperature Carbon Materials Product Portfolios and Specifications

Table 137. Delmer Group HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 138. Delmer Group Main Business

Table 139. Delmer Group Latest Developments

Table 140. Guanghan Shida Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 141. Guanghan Shida HighTemperature Carbon Materials Product Portfolios and Specifications

Table 142. Guanghan Shida HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 143. Guanghan Shida Main Business

Table 144. Guanghan Shida Latest Developments

Table 145. St Marys Carbon Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 146. St Marys Carbon HighTemperature Carbon Materials Product Portfolios and Specifications

Table 147. St Marys Carbon HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 148. St Marys Carbon Main Business

Table 149. St Marys Carbon Latest Developments

Table 150. MWI, Inc. Basic Information, HighTemperature Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 151. MWI, Inc. HighTemperature Carbon Materials Product Portfolios and Specifications

Table 152. MWI, Inc. HighTemperature Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 153. MWI, Inc. Main Business

Table 154. MWI, Inc. Latest Developments

LIST OFFIGURES

.

Figure 1. Picture of HighTemperature Carbon Materials

Figure 2. HighTemperature Carbon Materials Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global HighTemperature Carbon Materials Sales Growth Rate 2019-2030
(Tons)

Figure 7. Global HighTemperature Carbon Materials Revenue Growth Rate 2019-2030
(\$ millions)

Figure 8. HighTemperature Carbon Materials Sales by Geographic Region (2019, 2023
& 2030) & (\$ millions)

Figure 9. HighTemperature Carbon Materials Sales Market Share by Country/Region
(2023)

Figure 10. HighTemperature Carbon Materials Sales Market Share by Country/Region
(2019, 2023 & 2030)

Figure 11. Product Picture of Carbon Carbon Composite

Figure 12. Product Picture of Rigid Carbon Insulation

Figure 13. Product Picture of Glassy Carbon Materials

Figure 14. Product Picture of Solid Silicon Carbide (SiC)

Figure 15. Product Picture of Others

Figure 16. Global HighTemperature Carbon Materials Sales Market Share byType in
2023

Figure 17. Global HighTemperature Carbon Materials Revenue Market Share byType
(2019-2024)

Figure 18. HighTemperature Carbon Materials Consumed in Aerospace and Defense

Figure 19. Global HighTemperature Carbon Materials Market: Aerospace and Defense
(2019-2024) & (Tons)

Figure 20. HighTemperature Carbon Materials Consumed in Automotive

Figure 21. Global HighTemperature Carbon Materials Market: Automotive (2019-2024)
& (Tons)

Figure 22. HighTemperature Carbon Materials Consumed in Energy Generation and
Storage

Figure 23. Global HighTemperature Carbon Materials Market: Energy Generation and
Storage (2019-2024) & (Tons)

Figure 24. HighTemperature Carbon Materials Consumed in IndustrialFurnaces and
Kilns

Figure 25. Global HighTemperature Carbon Materials Market: IndustrialFurnaces and
Kilns (2019-2024) & (Tons)

Figure 26. HighTemperature Carbon Materials Consumed in Others

Figure 27. Global HighTemperature Carbon Materials Market: Others (2019-2024) &
(Tons)

Figure 28. Global HighTemperature Carbon Materials Sale Market Share by Application

(2023)

Figure 29. Global HighTemperature Carbon Materials Revenue Market Share by Application in 2023

Figure 30. HighTemperature Carbon Materials Sales by Company in 2023 (Tons)

Figure 31. Global HighTemperature Carbon Materials Sales Market Share by Company in 2023

Figure 32. HighTemperature Carbon Materials Revenue by Company in 2023 (\$ millions)

Figure 33. Global HighTemperature Carbon Materials Revenue Market Share by Company in 2023

Figure 34. Global HighTemperature Carbon Materials Sales Market Share by Geographic Region (2019-2024)

Figure 35. Global HighTemperature Carbon Materials Revenue Market Share by Geographic Region in 2023

Figure 36. Americas HighTemperature Carbon Materials Sales 2019-2024 (Tons)

Figure 37. Americas HighTemperature Carbon Materials Revenue 2019-2024 (\$ millions)

Figure 38. APAC HighTemperature Carbon Materials Sales 2019-2024 (Tons)

Figure 39. APAC HighTemperature Carbon Materials Revenue 2019-2024 (\$ millions)

Figure 40. Europe HighTemperature Carbon Materials Sales 2019-2024 (Tons)

Figure 41. Europe HighTemperature Carbon Materials Revenue 2019-2024 (\$ millions)

Figure 42. Middle East & Africa HighTemperature Carbon Materials Sales 2019-2024 (Tons)

Figure 43. Middle East & Africa HighTemperature Carbon Materials Revenue 2019-2024 (\$ millions)

Figure 44. Americas HighTemperature Carbon Materials Sales Market Share by Country in 2023

Figure 45. Americas HighTemperature Carbon Materials Revenue Market Share by Country (2019-2024)

Figure 46. Americas HighTemperature Carbon Materials Sales Market Share byType (2019-2024)

Figure 47. Americas HighTemperature Carbon Materials Sales Market Share by Application (2019-2024)

Figure 48. United States HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 49. Canada HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 50. Mexico HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 51. Brazil HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 52. APAC HighTemperature Carbon Materials Sales Market Share by Region in 2023

Figure 53. APAC HighTemperature Carbon Materials Revenue Market Share by Region (2019-2024)

Figure 54. APAC HighTemperature Carbon Materials Sales Market Share byType (2019-2024)

Figure 55. APAC HighTemperature Carbon Materials Sales Market Share by Application (2019-2024)

Figure 56. China HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 57. Japan HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 58. South Korea HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 59. Southeast Asia HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 60. India HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 61. Australia HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 62. ChinaTaiwan HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 63. Europe HighTemperature Carbon Materials Sales Market Share by Country in 2023

Figure 64. Europe HighTemperature Carbon Materials Revenue Market Share by Country (2019-2024)

Figure 65. Europe HighTemperature Carbon Materials Sales Market Share byType (2019-2024)

Figure 66. Europe HighTemperature Carbon Materials Sales Market Share by Application (2019-2024)

Figure 67. Germany HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 68. France HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 69. UK HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 70. Italy HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$

millions)

Figure 71. Russia HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 72. Middle East & Africa HighTemperature Carbon Materials Sales Market Share by Country (2019-2024)

Figure 73. Middle East & Africa HighTemperature Carbon Materials Sales Market Share byType (2019-2024)

Figure 74. Middle East & Africa HighTemperature Carbon Materials Sales Market Share by Application (2019-2024)

Figure 75. Egypt HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 76. South Africa HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 77. Israel HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 78. Turkey HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 79. GCC Countries HighTemperature Carbon Materials Revenue Growth 2019-2024 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of HighTemperature Carbon Materials in 2023

Figure 81. Manufacturing Process Analysis of HighTemperature Carbon Materials

Figure 82. Industry Chain Structure of HighTemperature Carbon Materials

Figure 83. Channels of Distribution

Figure 84. Global HighTemperature Carbon Materials Sales MarketForecast by Region (2025-2030)

Figure 85. Global HighTemperature Carbon Materials Revenue Market ShareForecast by Region (2025-2030)

Figure 86. Global HighTemperature Carbon Materials Sales Market ShareForecast byType (2025-2030)

Figure 87. Global HighTemperature Carbon Materials Revenue Market ShareForecast byType (2025-2030)

Figure 88. Global HighTemperature Carbon Materials Sales Market ShareForecast by Application (2025-2030)

Figure 89. Global HighTemperature Carbon Materials Revenue Market ShareForecast by Application (2025-2030)

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