

Global Carbon Ceramic Brake Materials Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Carbon Ceramic Brake Materials market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Carbon-ceramic brake discs are made of a ceramic matrix (usually silicon carbide), and of high-strength carbon or silicon carbide fibers. Carbon ceramic composite (C/-SiC) is a carbon fiber reinforced silicon carbide ceramic composite. The main matrix component of silicon carbide determines the hardness of the composite, the effect of carbon fiber is to improve the mechanical strength and fracture toughness of the material, and its strength is 5 times higher than that of the steel.

This report studies the global Carbon Ceramic Brake Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Ceramic Brake Materials, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Carbon Ceramic Brake Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Ceramic Brake Materials total production and demand, 2018-2029, (KG)

Global Carbon Ceramic Brake Materials total production value, 2018-2029, (USD Million)

Global Carbon Ceramic Brake Materials production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (KG)

Global Carbon Ceramic Brake Materials consumption by region & country, CAGR, 2018-2029 & (KG)

U.S. VS China: Carbon Ceramic Brake Materials domestic production, consumption, key domestic manufacturers and share

Global Carbon Ceramic Brake Materials production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (KG)

Global Carbon Ceramic Brake Materials production by Type, production, value, CAGR, 2018-2029, (USD Million) & (KG)

Global Carbon Ceramic Brake Materials production by Application production, value, CAGR, 2018-2029, (USD Million) & (KG).

This reports profiles key players in the global Carbon Ceramic Brake Materials 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, COI Ceramics, BJS Ceramics GmbH, Ultramet, Mitsubishi Chemical and Schunk Carbon Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Carbon Ceramic Brake Materials market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (KG) and average price (US\$/G) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Carbon Ceramic Brake Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Carbon Ceramic Brake Materials Market, Segmentation by Type

Long Carbon Fiber

Short Carbon Fiber

Global Carbon Ceramic Brake Materials Market, Segmentation by Application

Aircraft Brake

Auto Brake

High Speed Train Brake

Others

Companies Profiled:

GE Aviation

Safran

Rolls-Royce Group

CoorsTek

COI Ceramics

BJS Ceramics GmbH

Ultramet

Mitsubishi Chemical

Schunk Carbon Technology

CFC CARBON

Hunan Dezhi New Material

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

- 1.1 Carbon Ceramic Brake Materials Introduction
- 1.2 World Carbon Ceramic Brake Materials Supply & Forecast
 - 1.2.1 World Carbon Ceramic Brake Materials Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Carbon Ceramic Brake Materials Production (2018-2029)
 - 1.2.3 World Carbon Ceramic Brake Materials Pricing Trends (2018-2029)
- 1.3 World Carbon Ceramic Brake Materials Production by Region (Based on Production Site)
 - 1.3.1 World Carbon Ceramic Brake Materials Production Value by Region (2018-2029)
 - 1.3.2 World Carbon Ceramic Brake Materials Production by Region (2018-2029)
 - 1.3.3 World Carbon Ceramic Brake Materials Average Price by Region (2018-2029)
 - 1.3.4 North America Carbon Ceramic Brake Materials Production (2018-2029)
 - 1.3.5 Europe Carbon Ceramic Brake Materials Production (2018-2029)
 - 1.3.6 China Carbon Ceramic Brake Materials Production (2018-2029)
 - 1.3.7 Japan Carbon Ceramic Brake Materials Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Carbon Ceramic Brake Materials Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Carbon Ceramic Brake Materials Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Carbon Ceramic Brake Materials Demand (2018-2029)
- 2.2 World Carbon Ceramic Brake Materials Consumption by Region
 - 2.2.1 World Carbon Ceramic Brake Materials Consumption by Region (2018-2023)
 - 2.2.2 World Carbon Ceramic Brake Materials Consumption Forecast by Region (2024-2029)
- 2.3 United States Carbon Ceramic Brake Materials Consumption (2018-2029)
- 2.4 China Carbon Ceramic Brake Materials Consumption (2018-2029)
- 2.5 Europe Carbon Ceramic Brake Materials Consumption (2018-2029)
- 2.6 Japan Carbon Ceramic Brake Materials Consumption (2018-2029)
- 2.7 South Korea Carbon Ceramic Brake Materials Consumption (2018-2029)
- 2.8 ASEAN Carbon Ceramic Brake Materials Consumption (2018-2029)

2.9 India Carbon Ceramic Brake Materials Consumption (2018-2029)

3 WORLD CARBON CERAMIC BRAKE MATERIALS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Carbon Ceramic Brake Materials Production Value by Manufacturer (2018-2023)

3.2 World Carbon Ceramic Brake Materials Production by Manufacturer (2018-2023)

3.3 World Carbon Ceramic Brake Materials Average Price by Manufacturer (2018-2023)

3.4 Carbon Ceramic Brake Materials Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Carbon Ceramic Brake Materials Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Carbon Ceramic Brake Materials in 2022

3.5.3 Global Concentration Ratios (CR8) for Carbon Ceramic Brake Materials in 2022

3.6 Carbon Ceramic Brake Materials Market: Overall Company Footprint Analysis

3.6.1 Carbon Ceramic Brake Materials Market: Region Footprint

3.6.2 Carbon Ceramic Brake Materials Market: Company Product Type Footprint

3.6.3 Carbon Ceramic Brake Materials 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: Carbon Ceramic Brake Materials Production Value Comparison

4.1.1 United States VS China: Carbon Ceramic Brake Materials Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Carbon Ceramic Brake Materials Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Carbon Ceramic Brake Materials Production Comparison

4.2.1 United States VS China: Carbon Ceramic Brake Materials Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Carbon Ceramic Brake Materials Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Carbon Ceramic Brake Materials Consumption

Comparison

4.3.1 United States VS China: Carbon Ceramic Brake Materials Consumption

Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Carbon Ceramic Brake Materials Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Carbon Ceramic Brake Materials Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Carbon Ceramic Brake Materials Production Value (2018-2023)

4.4.3 United States Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023)

4.5 China Based Carbon Ceramic Brake Materials Manufacturers and Market Share

4.5.1 China Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Ceramic Brake Materials Production Value (2018-2023)

4.5.3 China Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023)

4.6 Rest of World Based Carbon Ceramic Brake Materials Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Carbon Ceramic Brake Materials Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Long Carbon Fiber

5.2.2 Short Carbon Fiber

5.3 Market Segment by Type

5.3.1 World Carbon Ceramic Brake Materials Production by Type (2018-2029)

5.3.2 World Carbon Ceramic Brake Materials Production Value by Type (2018-2029)

5.3.3 World Carbon Ceramic Brake Materials Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Carbon Ceramic Brake Materials Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Aircraft Brake

6.2.2 Auto Brake

6.2.3 High Speed Train Brake

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Carbon Ceramic Brake Materials Production by Application (2018-2029)

6.3.2 World Carbon Ceramic Brake Materials Production Value by Application (2018-2029)

6.3.3 World Carbon Ceramic Brake Materials Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 GE Aviation

7.1.1 GE Aviation Details

7.1.2 GE Aviation Major Business

7.1.3 GE Aviation Carbon Ceramic Brake Materials Product and Services

7.1.4 GE Aviation Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 GE Aviation Recent Developments/Updates

7.1.6 GE Aviation Competitive Strengths & Weaknesses

7.2 Safran

7.2.1 Safran Details

7.2.2 Safran Major Business

7.2.3 Safran Carbon Ceramic Brake Materials Product and Services

7.2.4 Safran Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Safran Recent Developments/Updates

7.2.6 Safran Competitive Strengths & Weaknesses

7.3 Rolls-Royce Group

7.3.1 Rolls-Royce Group Details

7.3.2 Rolls-Royce Group Major Business

- 7.3.3 Rolls-Royce Group Carbon Ceramic Brake Materials Product and Services
- 7.3.4 Rolls-Royce Group Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Rolls-Royce Group Recent Developments/Updates
- 7.3.6 Rolls-Royce Group Competitive Strengths & Weaknesses
- 7.4 CoorsTek
 - 7.4.1 CoorsTek Details
 - 7.4.2 CoorsTek Major Business
 - 7.4.3 CoorsTek Carbon Ceramic Brake Materials Product and Services
 - 7.4.4 CoorsTek Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 CoorsTek Recent Developments/Updates
 - 7.4.6 CoorsTek Competitive Strengths & Weaknesses
- 7.5 COI Ceramics
 - 7.5.1 COI Ceramics Details
 - 7.5.2 COI Ceramics Major Business
 - 7.5.3 COI Ceramics Carbon Ceramic Brake Materials Product and Services
 - 7.5.4 COI Ceramics Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 COI Ceramics Recent Developments/Updates
 - 7.5.6 COI Ceramics Competitive Strengths & Weaknesses
- 7.6 BJS Ceramics GmbH
 - 7.6.1 BJS Ceramics GmbH Details
 - 7.6.2 BJS Ceramics GmbH Major Business
 - 7.6.3 BJS Ceramics GmbH Carbon Ceramic Brake Materials Product and Services
 - 7.6.4 BJS Ceramics GmbH Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 BJS Ceramics GmbH Recent Developments/Updates
 - 7.6.6 BJS Ceramics GmbH Competitive Strengths & Weaknesses
- 7.7 Ultramet
 - 7.7.1 Ultramet Details
 - 7.7.2 Ultramet Major Business
 - 7.7.3 Ultramet Carbon Ceramic Brake Materials Product and Services
 - 7.7.4 Ultramet Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Ultramet Recent Developments/Updates
 - 7.7.6 Ultramet Competitive Strengths & Weaknesses
- 7.8 Mitsubishi Chemical
 - 7.8.1 Mitsubishi Chemical Details

- 7.8.2 Mitsubishi Chemical Major Business
- 7.8.3 Mitsubishi Chemical Carbon Ceramic Brake Materials Product and Services
- 7.8.4 Mitsubishi Chemical Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Mitsubishi Chemical Recent Developments/Updates
- 7.8.6 Mitsubishi Chemical Competitive Strengths & Weaknesses
- 7.9 Schunk Carbon Technology
 - 7.9.1 Schunk Carbon Technology Details
 - 7.9.2 Schunk Carbon Technology Major Business
 - 7.9.3 Schunk Carbon Technology Carbon Ceramic Brake Materials Product and Services
 - 7.9.4 Schunk Carbon Technology Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Schunk Carbon Technology Recent Developments/Updates
 - 7.9.6 Schunk Carbon Technology Competitive Strengths & Weaknesses
- 7.10 CFC CARBON
 - 7.10.1 CFC CARBON Details
 - 7.10.2 CFC CARBON Major Business
 - 7.10.3 CFC CARBON Carbon Ceramic Brake Materials Product and Services
 - 7.10.4 CFC CARBON Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 CFC CARBON Recent Developments/Updates
 - 7.10.6 CFC CARBON Competitive Strengths & Weaknesses
- 7.11 Hunan Dezhi New Material
 - 7.11.1 Hunan Dezhi New Material Details
 - 7.11.2 Hunan Dezhi New Material Major Business
 - 7.11.3 Hunan Dezhi New Material Carbon Ceramic Brake Materials Product and Services
 - 7.11.4 Hunan Dezhi New Material Carbon Ceramic Brake Materials Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Hunan Dezhi New Material Recent Developments/Updates
 - 7.11.6 Hunan Dezhi New Material Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Carbon Ceramic Brake Materials Industry Chain
- 8.2 Carbon Ceramic Brake Materials Upstream Analysis
 - 8.2.1 Carbon Ceramic Brake Materials Core Raw Materials
 - 8.2.2 Main Manufacturers of Carbon Ceramic Brake Materials Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Carbon Ceramic Brake Materials Production Mode

8.6 Carbon Ceramic Brake Materials Procurement Model

8.7 Carbon Ceramic Brake Materials Industry Sales Model and Sales Channels

8.7.1 Carbon Ceramic Brake Materials Sales Model

8.7.2 Carbon Ceramic Brake Materials Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Carbon Ceramic Brake Materials Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Carbon Ceramic Brake Materials Production Value by Region (2018-2023) & (USD Million)

Table 3. World Carbon Ceramic Brake Materials Production Value by Region (2024-2029) & (USD Million)

Table 4. World Carbon Ceramic Brake Materials Production Value Market Share by Region (2018-2023)

Table 5. World Carbon Ceramic Brake Materials Production Value Market Share by Region (2024-2029)

Table 6. World Carbon Ceramic Brake Materials Production by Region (2018-2023) & (KG)

Table 7. World Carbon Ceramic Brake Materials Production by Region (2024-2029) & (KG)

Table 8. World Carbon Ceramic Brake Materials Production Market Share by Region (2018-2023)

Table 9. World Carbon Ceramic Brake Materials Production Market Share by Region (2024-2029)

Table 10. World Carbon Ceramic Brake Materials Average Price by Region (2018-2023) & (US\$/G)

Table 11. World Carbon Ceramic Brake Materials Average Price by Region (2024-2029) & (US\$/G)

Table 12. Carbon Ceramic Brake Materials Major Market Trends

Table 13. World Carbon Ceramic Brake Materials Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (KG)

Table 14. World Carbon Ceramic Brake Materials Consumption by Region (2018-2023) & (KG)

Table 15. World Carbon Ceramic Brake Materials Consumption Forecast by Region (2024-2029) & (KG)

Table 16. World Carbon Ceramic Brake Materials Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Carbon Ceramic Brake Materials Producers in 2022

Table 18. World Carbon Ceramic Brake Materials Production by Manufacturer (2018-2023) & (KG)

Table 19. Production Market Share of Key Carbon Ceramic Brake Materials Producers in 2022

Table 20. World Carbon Ceramic Brake Materials Average Price by Manufacturer (2018-2023) & (US\$/G)

Table 21. Global Carbon Ceramic Brake Materials Company Evaluation Quadrant

Table 22. World Carbon Ceramic Brake Materials Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Carbon Ceramic Brake Materials Production Site of Key Manufacturer

Table 24. Carbon Ceramic Brake Materials Market: Company Product Type Footprint

Table 25. Carbon Ceramic Brake Materials Market: Company Product Application Footprint

Table 26. Carbon Ceramic Brake Materials Competitive Factors

Table 27. Carbon Ceramic Brake Materials New Entrant and Capacity Expansion Plans

Table 28. Carbon Ceramic Brake Materials Mergers & Acquisitions Activity

Table 29. United States VS China Carbon Ceramic Brake Materials Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Carbon Ceramic Brake Materials Production Comparison, (2018 & 2022 & 2029) & (KG)

Table 31. United States VS China Carbon Ceramic Brake Materials Consumption Comparison, (2018 & 2022 & 2029) & (KG)

Table 32. United States Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Carbon Ceramic Brake Materials Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Carbon Ceramic Brake Materials Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023) & (KG)

Table 36. United States Based Manufacturers Carbon Ceramic Brake Materials Production Market Share (2018-2023)

Table 37. China Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Carbon Ceramic Brake Materials Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Carbon Ceramic Brake Materials Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023) & (KG)

Table 41. China Based Manufacturers Carbon Ceramic Brake Materials Production Market Share (2018-2023)

Table 42. Rest of World Based Carbon Ceramic Brake Materials Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production (2018-2023) & (KG)

Table 46. Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production Market Share (2018-2023)

Table 47. World Carbon Ceramic Brake Materials Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Carbon Ceramic Brake Materials Production by Type (2018-2023) & (KG)

Table 49. World Carbon Ceramic Brake Materials Production by Type (2024-2029) & (KG)

Table 50. World Carbon Ceramic Brake Materials Production Value by Type (2018-2023) & (USD Million)

Table 51. World Carbon Ceramic Brake Materials Production Value by Type (2024-2029) & (USD Million)

Table 52. World Carbon Ceramic Brake Materials Average Price by Type (2018-2023) & (US\$/G)

Table 53. World Carbon Ceramic Brake Materials Average Price by Type (2024-2029) & (US\$/G)

Table 54. World Carbon Ceramic Brake Materials Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Carbon Ceramic Brake Materials Production by Application (2018-2023) & (KG)

Table 56. World Carbon Ceramic Brake Materials Production by Application (2024-2029) & (KG)

Table 57. World Carbon Ceramic Brake Materials Production Value by Application (2018-2023) & (USD Million)

Table 58. World Carbon Ceramic Brake Materials Production Value by Application (2024-2029) & (USD Million)

Table 59. World Carbon Ceramic Brake Materials Average Price by Application (2018-2023) & (US\$/G)

Table 60. World Carbon Ceramic Brake Materials Average Price by Application

(2024-2029) & (US\$/G)

Table 61. GE Aviation Basic Information, Manufacturing Base and Competitors

Table 62. GE Aviation Major Business

Table 63. GE Aviation Carbon Ceramic Brake Materials Product and Services

Table 64. GE Aviation Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. GE Aviation Recent Developments/Updates

Table 66. GE Aviation Competitive Strengths & Weaknesses

Table 67. Safran Basic Information, Manufacturing Base and Competitors

Table 68. Safran Major Business

Table 69. Safran Carbon Ceramic Brake Materials Product and Services

Table 70. Safran Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Safran Recent Developments/Updates

Table 72. Safran Competitive Strengths & Weaknesses

Table 73. Rolls-Royce Group Basic Information, Manufacturing Base and Competitors

Table 74. Rolls-Royce Group Major Business

Table 75. Rolls-Royce Group Carbon Ceramic Brake Materials Product and Services

Table 76. Rolls-Royce Group Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Rolls-Royce Group Recent Developments/Updates

Table 78. Rolls-Royce Group Competitive Strengths & Weaknesses

Table 79. CoorsTek Basic Information, Manufacturing Base and Competitors

Table 80. CoorsTek Major Business

Table 81. CoorsTek Carbon Ceramic Brake Materials Product and Services

Table 82. CoorsTek Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. CoorsTek Recent Developments/Updates

Table 84. CoorsTek Competitive Strengths & Weaknesses

Table 85. COI Ceramics Basic Information, Manufacturing Base and Competitors

Table 86. COI Ceramics Major Business

Table 87. COI Ceramics Carbon Ceramic Brake Materials Product and Services

Table 88. COI Ceramics Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. COI Ceramics Recent Developments/Updates

Table 90. COI Ceramics Competitive Strengths & Weaknesses

Table 91. BJS Ceramics GmbH Basic Information, Manufacturing Base and Competitors

Table 92. BJS Ceramics GmbH Major Business

Table 93. BJS Ceramics GmbH Carbon Ceramic Brake Materials Product and Services
Table 94. BJS Ceramics GmbH Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 95. BJS Ceramics GmbH Recent Developments/Updates
Table 96. BJS Ceramics GmbH Competitive Strengths & Weaknesses
Table 97. Ultramet Basic Information, Manufacturing Base and Competitors
Table 98. Ultramet Major Business
Table 99. Ultramet Carbon Ceramic Brake Materials Product and Services
Table 100. Ultramet Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 101. Ultramet Recent Developments/Updates
Table 102. Ultramet Competitive Strengths & Weaknesses
Table 103. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors
Table 104. Mitsubishi Chemical Major Business
Table 105. Mitsubishi Chemical Carbon Ceramic Brake Materials Product and Services
Table 106. Mitsubishi Chemical Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 107. Mitsubishi Chemical Recent Developments/Updates
Table 108. Mitsubishi Chemical Competitive Strengths & Weaknesses
Table 109. Schunk Carbon Technology Basic Information, Manufacturing Base and Competitors
Table 110. Schunk Carbon Technology Major Business
Table 111. Schunk Carbon Technology Carbon Ceramic Brake Materials Product and Services
Table 112. Schunk Carbon Technology Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 113. Schunk Carbon Technology Recent Developments/Updates
Table 114. Schunk Carbon Technology Competitive Strengths & Weaknesses
Table 115. CFC CARBON Basic Information, Manufacturing Base and Competitors
Table 116. CFC CARBON Major Business
Table 117. CFC CARBON Carbon Ceramic Brake Materials Product and Services
Table 118. CFC CARBON Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 119. CFC CARBON Recent Developments/Updates
Table 120. Hunan Dezhi New Material Basic Information, Manufacturing Base and Competitors
Table 121. Hunan Dezhi New Material Major Business

Table 122. Hunan Dezhi New Material Carbon Ceramic Brake Materials Product and Services

Table 123. Hunan Dezhi New Material Carbon Ceramic Brake Materials Production (KG), Price (US\$/G), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of Carbon Ceramic Brake Materials Upstream (Raw Materials)

Table 125. Carbon Ceramic Brake Materials Typical Customers

Table 126. Carbon Ceramic Brake Materials Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Carbon Ceramic Brake Materials Picture

Figure 2. World Carbon Ceramic Brake Materials Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Carbon Ceramic Brake Materials Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Carbon Ceramic Brake Materials Production (2018-2029) & (KG)

Figure 5. World Carbon Ceramic Brake Materials Average Price (2018-2029) & (US\$/G)

Figure 6. World Carbon Ceramic Brake Materials Production Value Market Share by Region (2018-2029)

Figure 7. World Carbon Ceramic Brake Materials Production Market Share by Region (2018-2029)

Figure 8. North America Carbon Ceramic Brake Materials Production (2018-2029) & (KG)

Figure 9. Europe Carbon Ceramic Brake Materials Production (2018-2029) & (KG)

Figure 10. China Carbon Ceramic Brake Materials Production (2018-2029) & (KG)

Figure 11. Japan Carbon Ceramic Brake Materials Production (2018-2029) & (KG)

Figure 12. Carbon Ceramic Brake Materials Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 15. World Carbon Ceramic Brake Materials Consumption Market Share by Region (2018-2029)

Figure 16. United States Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 17. China Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 18. Europe Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 19. Japan Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 20. South Korea Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 21. ASEAN Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 22. India Carbon Ceramic Brake Materials Consumption (2018-2029) & (KG)

Figure 23. Producer Shipments of Carbon Ceramic Brake Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Ceramic Brake Materials Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Ceramic Brake

Materials Markets in 2022

Figure 26. United States VS China: Carbon Ceramic Brake Materials Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Carbon Ceramic Brake Materials Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Carbon Ceramic Brake Materials Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Carbon Ceramic Brake Materials Production Market Share 2022

Figure 30. China Based Manufacturers Carbon Ceramic Brake Materials Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Carbon Ceramic Brake Materials Production Market Share 2022

Figure 32. World Carbon Ceramic Brake Materials Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Carbon Ceramic Brake Materials Production Value Market Share by Type in 2022

Figure 34. Long Carbon Fiber

Figure 35. Short Carbon Fiber

Figure 36. World Carbon Ceramic Brake Materials Production Market Share by Type (2018-2029)

Figure 37. World Carbon Ceramic Brake Materials Production Value Market Share by Type (2018-2029)

Figure 38. World Carbon Ceramic Brake Materials Average Price by Type (2018-2029) & (US\$/G)

Figure 39. World Carbon Ceramic Brake Materials Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Carbon Ceramic Brake Materials Production Value Market Share by Application in 2022

Figure 41. Aircraft Brake

Figure 42. Auto Brake

Figure 43. High Speed Train Brake

Figure 44. Others

Figure 45. World Carbon Ceramic Brake Materials Production Market Share by Application (2018-2029)

Figure 46. World Carbon Ceramic Brake Materials Production Value Market Share by Application (2018-2029)

Figure 47. World Carbon Ceramic Brake Materials Average Price by Application (2018-2029) & (US\$/G)

Figure 48. Carbon Ceramic Brake Materials Industry Chain

Figure 49. Carbon Ceramic Brake Materials Procurement Model

Figure 50. Carbon Ceramic Brake Materials Sales Model

Figure 51. Carbon Ceramic Brake Materials Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

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