

# Global Biomass-based Hard Carbon Anode Material Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/G2A126B48980EN.html>

Date: March 2024

Pages: 106

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

ID: G2A126B48980EN

## Abstracts

The global Biomass-based Hard Carbon Anode Material market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Biomass-based hard carbon anode materials come from various sources, such as walnut shells, fruit shells, grapefruit peels, animal and plant tissues, etc. From the three technical routes of biomass-based, phenolic resin-based, and asphalt-based, the biomass-based route produces Hard carbon has moderate performance, a wide range of material sources, and a relatively suitable cost. It is currently the choice of major manufacturers.

This report studies the global Biomass-based Hard Carbon Anode Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biomass-based Hard Carbon Anode Material, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Biomass-based Hard Carbon Anode Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biomass-based Hard Carbon Anode Material total production and demand, 2019-2030, (Tons)

Global Biomass-based Hard Carbon Anode Material total production value, 2019-2030, (USD Million)

Global Biomass-based Hard Carbon Anode Material production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Biomass-based Hard Carbon Anode Material consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Biomass-based Hard Carbon Anode Material domestic production, consumption, key domestic manufacturers and share

Global Biomass-based Hard Carbon Anode Material production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Biomass-based Hard Carbon Anode Material production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Biomass-based Hard Carbon Anode Material production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Biomass-based Hard Carbon Anode Material 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 Kuraray, Stora Enso, Indigenous Energy, Shengquan Group, Best Graphite, Iopsilion, Kaijin New Energy, Fujian Yuanli and Fujian Xinsen Carbon, 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 Biomass-based Hard Carbon Anode Material market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by

year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

#### Global Biomass-based Hard Carbon Anode Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Biomass-based Hard Carbon Anode Material Market, Segmentation by Type

Straw

Corn

Bamboo

Coconut Shell

#### Global Biomass-based Hard Carbon Anode Material Market, Segmentation by Application

Li-ion Battery

Na-ion Battery

## Companies Profiled:

Kuraray

Stora Enso

Indigenous Energy

Shengquan Group

Best Graphite

Ipsilon

Kaijin New Energy

Fujian Yuanli

Fujian Xinsen Carbon

## Key Questions Answered

1. How big is the global Biomass-based Hard Carbon Anode Material market?
2. What is the demand of the global Biomass-based Hard Carbon Anode Material market?
3. What is the year over year growth of the global Biomass-based Hard Carbon Anode Material market?
4. What is the production and production value of the global Biomass-based Hard Carbon Anode Material market?
5. Who are the key producers in the global Biomass-based Hard Carbon Anode Material market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Biomass-based Hard Carbon Anode Material Introduction
- 1.2 World Biomass-based Hard Carbon Anode Material Supply & Forecast
  - 1.2.1 World Biomass-based Hard Carbon Anode Material Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Biomass-based Hard Carbon Anode Material Production (2019-2030)
  - 1.2.3 World Biomass-based Hard Carbon Anode Material Pricing Trends (2019-2030)
- 1.3 World Biomass-based Hard Carbon Anode Material Production by Region (Based on Production Site)
  - 1.3.1 World Biomass-based Hard Carbon Anode Material Production Value by Region (2019-2030)
  - 1.3.2 World Biomass-based Hard Carbon Anode Material Production by Region (2019-2030)
  - 1.3.3 World Biomass-based Hard Carbon Anode Material Average Price by Region (2019-2030)
  - 1.3.4 North America Biomass-based Hard Carbon Anode Material Production (2019-2030)
  - 1.3.5 Europe Biomass-based Hard Carbon Anode Material Production (2019-2030)
  - 1.3.6 China Biomass-based Hard Carbon Anode Material Production (2019-2030)
  - 1.3.7 Japan Biomass-based Hard Carbon Anode Material Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Biomass-based Hard Carbon Anode Material Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Biomass-based Hard Carbon Anode Material Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Biomass-based Hard Carbon Anode Material Demand (2019-2030)
- 2.2 World Biomass-based Hard Carbon Anode Material Consumption by Region
  - 2.2.1 World Biomass-based Hard Carbon Anode Material Consumption by Region (2019-2024)
  - 2.2.2 World Biomass-based Hard Carbon Anode Material Consumption Forecast by Region (2025-2030)
- 2.3 United States Biomass-based Hard Carbon Anode Material Consumption (2019-2030)
- 2.4 China Biomass-based Hard Carbon Anode Material Consumption (2019-2030)

- 2.5 Europe Biomass-based Hard Carbon Anode Material Consumption (2019-2030)
- 2.6 Japan Biomass-based Hard Carbon Anode Material Consumption (2019-2030)
- 2.7 South Korea Biomass-based Hard Carbon Anode Material Consumption (2019-2030)
- 2.8 ASEAN Biomass-based Hard Carbon Anode Material Consumption (2019-2030)
- 2.9 India Biomass-based Hard Carbon Anode Material Consumption (2019-2030)

### **3 WORLD BIOMASS-BASED HARD CARBON ANODE MATERIAL MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Biomass-based Hard Carbon Anode Material Production Value by Manufacturer (2019-2024)
- 3.2 World Biomass-based Hard Carbon Anode Material Production by Manufacturer (2019-2024)
- 3.3 World Biomass-based Hard Carbon Anode Material Average Price by Manufacturer (2019-2024)
- 3.4 Biomass-based Hard Carbon Anode Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Biomass-based Hard Carbon Anode Material Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Biomass-based Hard Carbon Anode Material in 2023
  - 3.5.3 Global Concentration Ratios (CR8) for Biomass-based Hard Carbon Anode Material in 2023
- 3.6 Biomass-based Hard Carbon Anode Material Market: Overall Company Footprint Analysis
  - 3.6.1 Biomass-based Hard Carbon Anode Material Market: Region Footprint
  - 3.6.2 Biomass-based Hard Carbon Anode Material Market: Company Product Type Footprint
  - 3.6.3 Biomass-based Hard Carbon Anode Material 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: Biomass-based Hard Carbon Anode Material Production Value Comparison

4.1.1 United States VS China: Biomass-based Hard Carbon Anode Material Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: Biomass-based Hard Carbon Anode Material Production Value Market Share Comparison (2019 & 2023 & 2030)

#### 4.2 United States VS China: Biomass-based Hard Carbon Anode Material Production Comparison

4.2.1 United States VS China: Biomass-based Hard Carbon Anode Material Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Biomass-based Hard Carbon Anode Material Production Market Share Comparison (2019 & 2023 & 2030)

#### 4.3 United States VS China: Biomass-based Hard Carbon Anode Material Consumption Comparison

4.3.1 United States VS China: Biomass-based Hard Carbon Anode Material Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: Biomass-based Hard Carbon Anode Material Consumption Market Share Comparison (2019 & 2023 & 2030)

#### 4.4 United States Based Biomass-based Hard Carbon Anode Material Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value (2019-2024)

4.4.3 United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024)

#### 4.5 China Based Biomass-based Hard Carbon Anode Material Manufacturers and Market Share

4.5.1 China Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value (2019-2024)

4.5.3 China Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024)

#### 4.6 Rest of World Based Biomass-based Hard Carbon Anode Material Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Biomass-based Hard Carbon Anode Material Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Straw

5.2.2 Corn

5.2.3 Bamboo

5.2.4 Coconut Shell

5.3 Market Segment by Type

5.3.1 World Biomass-based Hard Carbon Anode Material Production by Type (2019-2030)

5.3.2 World Biomass-based Hard Carbon Anode Material Production Value by Type (2019-2030)

5.3.3 World Biomass-based Hard Carbon Anode Material Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Biomass-based Hard Carbon Anode Material Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Li-ion Battery

6.2.2 Na-ion Battery

6.3 Market Segment by Application

6.3.1 World Biomass-based Hard Carbon Anode Material Production by Application (2019-2030)

6.3.2 World Biomass-based Hard Carbon Anode Material Production Value by Application (2019-2030)

6.3.3 World Biomass-based Hard Carbon Anode Material Average Price by Application (2019-2030)

## **7 COMPANY PROFILES**



## 7.1 Kuraray

### 7.1.1 Kuraray Details

### 7.1.2 Kuraray Major Business

### 7.1.3 Kuraray Biomass-based Hard Carbon Anode Material Product and Services

### 7.1.4 Kuraray Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

### 7.1.5 Kuraray Recent Developments/Updates

### 7.1.6 Kuraray Competitive Strengths & Weaknesses

## 7.2 Stora Enso

### 7.2.1 Stora Enso Details

### 7.2.2 Stora Enso Major Business

### 7.2.3 Stora Enso Biomass-based Hard Carbon Anode Material Product and Services

### 7.2.4 Stora Enso Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

### 7.2.5 Stora Enso Recent Developments/Updates

### 7.2.6 Stora Enso Competitive Strengths & Weaknesses

## 7.3 Indigenous Energy

### 7.3.1 Indigenous Energy Details

### 7.3.2 Indigenous Energy Major Business

### 7.3.3 Indigenous Energy Biomass-based Hard Carbon Anode Material Product and Services

### 7.3.4 Indigenous Energy Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

### 7.3.5 Indigenous Energy Recent Developments/Updates

### 7.3.6 Indigenous Energy Competitive Strengths & Weaknesses

## 7.4 Shengquan Group

### 7.4.1 Shengquan Group Details

### 7.4.2 Shengquan Group Major Business

### 7.4.3 Shengquan Group Biomass-based Hard Carbon Anode Material Product and Services

### 7.4.4 Shengquan Group Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

### 7.4.5 Shengquan Group Recent Developments/Updates

### 7.4.6 Shengquan Group Competitive Strengths & Weaknesses

## 7.5 Best Graphite

### 7.5.1 Best Graphite Details

### 7.5.2 Best Graphite Major Business

### 7.5.3 Best Graphite Biomass-based Hard Carbon Anode Material Product and Services

7.5.4 Best Graphite Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 Best Graphite Recent Developments/Updates

7.5.6 Best Graphite Competitive Strengths & Weaknesses

7.6 Iopsilion

7.6.1 Iopsilion Details

7.6.2 Iopsilion Major Business

7.6.3 Iopsilion Biomass-based Hard Carbon Anode Material Product and Services

7.6.4 Iopsilion Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.6.5 Iopsilion Recent Developments/Updates

7.6.6 Iopsilion Competitive Strengths & Weaknesses

7.7 Kaijin New Energy

7.7.1 Kaijin New Energy Details

7.7.2 Kaijin New Energy Major Business

7.7.3 Kaijin New Energy Biomass-based Hard Carbon Anode Material Product and Services

7.7.4 Kaijin New Energy Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.7.5 Kaijin New Energy Recent Developments/Updates

7.7.6 Kaijin New Energy Competitive Strengths & Weaknesses

7.8 Fujian Yuanli

7.8.1 Fujian Yuanli Details

7.8.2 Fujian Yuanli Major Business

7.8.3 Fujian Yuanli Biomass-based Hard Carbon Anode Material Product and Services

7.8.4 Fujian Yuanli Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.8.5 Fujian Yuanli Recent Developments/Updates

7.8.6 Fujian Yuanli Competitive Strengths & Weaknesses

7.9 Fujian Xinsen Carbon

7.9.1 Fujian Xinsen Carbon Details

7.9.2 Fujian Xinsen Carbon Major Business

7.9.3 Fujian Xinsen Carbon Biomass-based Hard Carbon Anode Material Product and Services

7.9.4 Fujian Xinsen Carbon Biomass-based Hard Carbon Anode Material Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.9.5 Fujian Xinsen Carbon Recent Developments/Updates

7.9.6 Fujian Xinsen Carbon Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Biomass-based Hard Carbon Anode Material Industry Chain
- 8.2 Biomass-based Hard Carbon Anode Material Upstream Analysis
  - 8.2.1 Biomass-based Hard Carbon Anode Material Core Raw Materials
  - 8.2.2 Main Manufacturers of Biomass-based Hard Carbon Anode Material Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Biomass-based Hard Carbon Anode Material Production Mode
- 8.6 Biomass-based Hard Carbon Anode Material Procurement Model
- 8.7 Biomass-based Hard Carbon Anode Material Industry Sales Model and Sales Channels
  - 8.7.1 Biomass-based Hard Carbon Anode Material Sales Model
  - 8.7.2 Biomass-based Hard Carbon Anode Material 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 Biomass-based Hard Carbon Anode Material Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Biomass-based Hard Carbon Anode Material Production Value by Region (2019-2024) & (USD Million)

Table 3. World Biomass-based Hard Carbon Anode Material Production Value by Region (2025-2030) & (USD Million)

Table 4. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Region (2019-2024)

Table 5. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Region (2025-2030)

Table 6. World Biomass-based Hard Carbon Anode Material Production by Region (2019-2024) & (Tons)

Table 7. World Biomass-based Hard Carbon Anode Material Production by Region (2025-2030) & (Tons)

Table 8. World Biomass-based Hard Carbon Anode Material Production Market Share by Region (2019-2024)

Table 9. World Biomass-based Hard Carbon Anode Material Production Market Share by Region (2025-2030)

Table 10. World Biomass-based Hard Carbon Anode Material Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World Biomass-based Hard Carbon Anode Material Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. Biomass-based Hard Carbon Anode Material Major Market Trends

Table 13. World Biomass-based Hard Carbon Anode Material Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World Biomass-based Hard Carbon Anode Material Consumption by Region (2019-2024) & (Tons)

Table 15. World Biomass-based Hard Carbon Anode Material Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World Biomass-based Hard Carbon Anode Material Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Biomass-based Hard Carbon Anode Material Producers in 2023

Table 18. World Biomass-based Hard Carbon Anode Material Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key Biomass-based Hard Carbon Anode Material Producers in 2023

Table 20. World Biomass-based Hard Carbon Anode Material Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global Biomass-based Hard Carbon Anode Material Company Evaluation Quadrant

Table 22. World Biomass-based Hard Carbon Anode Material Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Biomass-based Hard Carbon Anode Material Production Site of Key Manufacturer

Table 24. Biomass-based Hard Carbon Anode Material Market: Company Product Type Footprint

Table 25. Biomass-based Hard Carbon Anode Material Market: Company Product Application Footprint

Table 26. Biomass-based Hard Carbon Anode Material Competitive Factors

Table 27. Biomass-based Hard Carbon Anode Material New Entrant and Capacity Expansion Plans

Table 28. Biomass-based Hard Carbon Anode Material Mergers & Acquisitions Activity

Table 29. United States VS China Biomass-based Hard Carbon Anode Material Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Biomass-based Hard Carbon Anode Material Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China Biomass-based Hard Carbon Anode Material Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share (2019-2024)

Table 37. China Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Biomass-based Hard Carbon Anode Material

Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share (2019-2024)

Table 42. Rest of World Based Biomass-based Hard Carbon Anode Material Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share (2019-2024)

Table 47. World Biomass-based Hard Carbon Anode Material Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Biomass-based Hard Carbon Anode Material Production by Type (2019-2024) & (Tons)

Table 49. World Biomass-based Hard Carbon Anode Material Production by Type (2025-2030) & (Tons)

Table 50. World Biomass-based Hard Carbon Anode Material Production Value by Type (2019-2024) & (USD Million)

Table 51. World Biomass-based Hard Carbon Anode Material Production Value by Type (2025-2030) & (USD Million)

Table 52. World Biomass-based Hard Carbon Anode Material Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World Biomass-based Hard Carbon Anode Material Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World Biomass-based Hard Carbon Anode Material Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Biomass-based Hard Carbon Anode Material Production by Application (2019-2024) & (Tons)

Table 56. World Biomass-based Hard Carbon Anode Material Production by Application (2025-2030) & (Tons)

Table 57. World Biomass-based Hard Carbon Anode Material Production Value by Application (2019-2024) & (USD Million)

Table 58. World Biomass-based Hard Carbon Anode Material Production Value by Application (2025-2030) & (USD Million)

Table 59. World Biomass-based Hard Carbon Anode Material Average Price by Application (2019-2024) & (US\$/Ton)

Table 60. World Biomass-based Hard Carbon Anode Material Average Price by Application (2025-2030) & (US\$/Ton)

Table 61. Kuraray Basic Information, Manufacturing Base and Competitors

Table 62. Kuraray Major Business

Table 63. Kuraray Biomass-based Hard Carbon Anode Material Product and Services

Table 64. Kuraray Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Kuraray Recent Developments/Updates

Table 66. Kuraray Competitive Strengths & Weaknesses

Table 67. Stora Enso Basic Information, Manufacturing Base and Competitors

Table 68. Stora Enso Major Business

Table 69. Stora Enso Biomass-based Hard Carbon Anode Material Product and Services

Table 70. Stora Enso Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Stora Enso Recent Developments/Updates

Table 72. Stora Enso Competitive Strengths & Weaknesses

Table 73. Indigenous Energy Basic Information, Manufacturing Base and Competitors

Table 74. Indigenous Energy Major Business

Table 75. Indigenous Energy Biomass-based Hard Carbon Anode Material Product and Services

Table 76. Indigenous Energy Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Indigenous Energy Recent Developments/Updates

Table 78. Indigenous Energy Competitive Strengths & Weaknesses

Table 79. Shengquan Group Basic Information, Manufacturing Base and Competitors

Table 80. Shengquan Group Major Business

Table 81. Shengquan Group Biomass-based Hard Carbon Anode Material Product and Services

Table 82. Shengquan Group Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Shengquan Group Recent Developments/Updates

Table 84. Shengquan Group Competitive Strengths & Weaknesses

Table 85. Best Graphite Basic Information, Manufacturing Base and Competitors

Table 86. Best Graphite Major Business

Table 87. Best Graphite Biomass-based Hard Carbon Anode Material Product and Services

Table 88. Best Graphite Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. Best Graphite Recent Developments/Updates

Table 90. Best Graphite Competitive Strengths & Weaknesses

Table 91. Ipsilon Basic Information, Manufacturing Base and Competitors

Table 92. Ipsilon Major Business

Table 93. Ipsilon Biomass-based Hard Carbon Anode Material Product and Services

Table 94. Ipsilon Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. Ipsilon Recent Developments/Updates

Table 96. Ipsilon Competitive Strengths & Weaknesses

Table 97. Kaijin New Energy Basic Information, Manufacturing Base and Competitors

Table 98. Kaijin New Energy Major Business

Table 99. Kaijin New Energy Biomass-based Hard Carbon Anode Material Product and Services

Table 100. Kaijin New Energy Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Kaijin New Energy Recent Developments/Updates

Table 102. Kaijin New Energy Competitive Strengths & Weaknesses

Table 103. Fujian Yuanli Basic Information, Manufacturing Base and Competitors

Table 104. Fujian Yuanli Major Business

Table 105. Fujian Yuanli Biomass-based Hard Carbon Anode Material Product and Services

Table 106. Fujian Yuanli Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Fujian Yuanli Recent Developments/Updates

Table 108. Fujian Xinsen Carbon Basic Information, Manufacturing Base and Competitors

Table 109. Fujian Xinsen Carbon Major Business

Table 110. Fujian Xinsen Carbon Biomass-based Hard Carbon Anode Material Product and Services



Table 111. Fujian Xinsen Carbon Biomass-based Hard Carbon Anode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 112. Global Key Players of Biomass-based Hard Carbon Anode Material Upstream (Raw Materials)

Table 113. Biomass-based Hard Carbon Anode Material Typical Customers

Table 114. Biomass-based Hard Carbon Anode Material Typical Distributors

## **LIST OF FIGURE**

Figure 1. Biomass-based Hard Carbon Anode Material Picture

Figure 2. World Biomass-based Hard Carbon Anode Material Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Biomass-based Hard Carbon Anode Material Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Biomass-based Hard Carbon Anode Material Production (2019-2030) & (Tons)

Figure 5. World Biomass-based Hard Carbon Anode Material Average Price (2019-2030) & (US\$/Ton)

Figure 6. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Region (2019-2030)

Figure 7. World Biomass-based Hard Carbon Anode Material Production Market Share by Region (2019-2030)

Figure 8. North America Biomass-based Hard Carbon Anode Material Production (2019-2030) & (Tons)

Figure 9. Europe Biomass-based Hard Carbon Anode Material Production (2019-2030) & (Tons)

Figure 10. China Biomass-based Hard Carbon Anode Material Production (2019-2030) & (Tons)

Figure 11. Japan Biomass-based Hard Carbon Anode Material Production (2019-2030) & (Tons)

Figure 12. Biomass-based Hard Carbon Anode Material Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)

Figure 15. World Biomass-based Hard Carbon Anode Material Consumption Market Share by Region (2019-2030)

Figure 16. United States Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)

- Figure 17. China Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 18. Europe Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 19. Japan Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 20. South Korea Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 21. ASEAN Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 22. India Biomass-based Hard Carbon Anode Material Consumption (2019-2030) & (Tons)
- Figure 23. Producer Shipments of Biomass-based Hard Carbon Anode Material by Manufacturer Revenue (\$MM) and Market Share (%): 2023
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Biomass-based Hard Carbon Anode Material Markets in 2023
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Biomass-based Hard Carbon Anode Material Markets in 2023
- Figure 26. United States VS China: Biomass-based Hard Carbon Anode Material Production Value Market Share Comparison (2019 & 2023 & 2030)
- Figure 27. United States VS China: Biomass-based Hard Carbon Anode Material Production Market Share Comparison (2019 & 2023 & 2030)
- Figure 28. United States VS China: Biomass-based Hard Carbon Anode Material Consumption Market Share Comparison (2019 & 2023 & 2030)
- Figure 29. United States Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share 2023
- Figure 30. China Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share 2023
- Figure 31. Rest of World Based Manufacturers Biomass-based Hard Carbon Anode Material Production Market Share 2023
- Figure 32. World Biomass-based Hard Carbon Anode Material Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 33. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Type in 2023
- Figure 34. Straw
- Figure 35. Corn
- Figure 36. Bamboo
- Figure 37. Coconut Shell
- Figure 38. World Biomass-based Hard Carbon Anode Material Production Market Share

by Type (2019-2030)

Figure 39. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Type (2019-2030)

Figure 40. World Biomass-based Hard Carbon Anode Material Average Price by Type (2019-2030) & (US\$/Ton)

Figure 41. World Biomass-based Hard Carbon Anode Material Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 42. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Application in 2023

Figure 43. Li-ion Battery

Figure 44. Na-ion Battery

Figure 45. World Biomass-based Hard Carbon Anode Material Production Market Share by Application (2019-2030)

Figure 46. World Biomass-based Hard Carbon Anode Material Production Value Market Share by Application (2019-2030)

Figure 47. World Biomass-based Hard Carbon Anode Material Average Price by Application (2019-2030) & (US\$/Ton)

Figure 48. Biomass-based Hard Carbon Anode Material Industry Chain

Figure 49. Biomass-based Hard Carbon Anode Material Procurement Model

Figure 50. Biomass-based Hard Carbon Anode Material Sales Model

Figure 51. Biomass-based Hard Carbon Anode Material Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Biomass-based Hard Carbon Anode Material Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/G2A126B48980EN.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/G2A126B48980EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

