

# Global Biomass-based Hard Carbon Materials Market Growth 2023-2029

https://marketpublishers.com/r/G528E97F890CEN.html

Date: July 2023

Pages: 119

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

ID: G528E97F890CEN

#### **Abstracts**

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

The global Biomass-based Hard Carbon Materials market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Biomass-based Hard Carbon Materials is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Biomass-based Hard Carbon Materials is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Biomass-based Hard Carbon Materials is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Biomass-based Hard Carbon Materials players cover Kuraray, JFE, Kureha, Sumitomo, Stora Enso, BRT, Shanshan, Shengquan and Chengdu BSG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

LPI (LP Information)' newest research report, the "Biomass-based Hard Carbon Materials Industry Forecast" looks at past sales and reviews total world Biomass-based Hard Carbon Materials sales in 2022, providing a comprehensive analysis by region and market sector of projected Biomass-based Hard Carbon Materials sales for 2023 through 2029. With Biomass-based Hard Carbon Materials sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$



millions of the world Biomass-based Hard Carbon Materials industry.

This Insight Report provides a comprehensive analysis of the global Biomass-based Hard 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 Biomass-based Hard Carbon Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Biomass-based Hard Carbon Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Biomass-based Hard 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 Biomass-based Hard Carbon Materials.

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

Market Segmentation:
Segmentation by type
Shells (Coconut Shells)
Crop Waste
Wood Charcoal
Other

Segmentation by application

Li-ion Battery

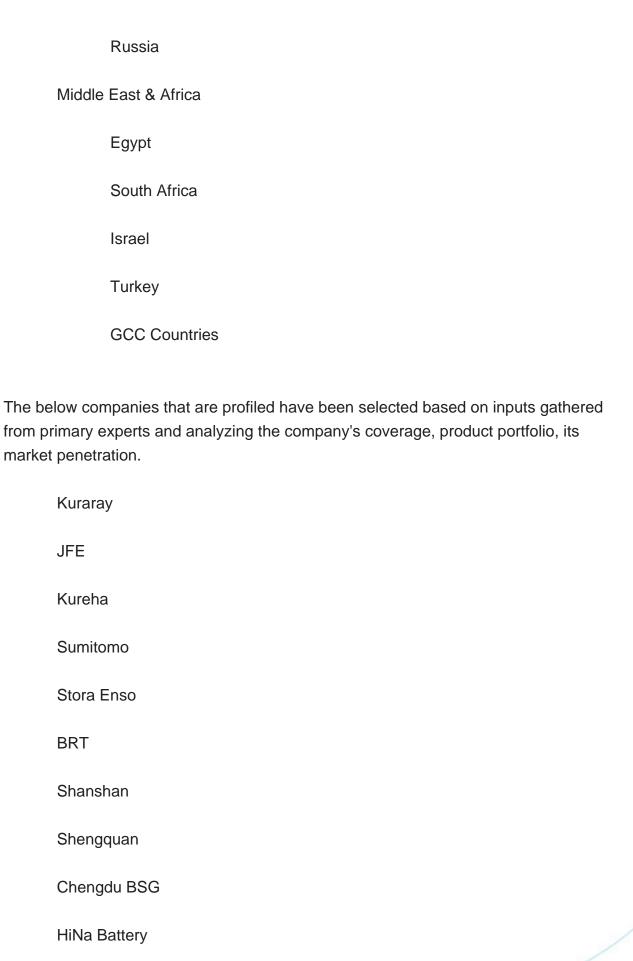


## Na-ion Battery

This report also splits the market by region	the market by region:
--	-----------------------

nis report als	o splits the market by region:
Americ	eas
	United States
	Canada
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	9
	Germany
	France
	UK
	Italy







lopsilion		
Guangdong Kaijin		
Guoke Tanmei		
Yuanli		
Xinsen		
Kay Quartians Addressed in this Report		
Key Questions Addressed in this Report		
What is the 10-year outlook for the global Biomass-based Hard Carbon Materials market?		
What factors are driving Biomass-based Hard Carbon Materials market growth, globally and by region?		
Which technologies are poised for the fastest growth by market and region?		
How do Biomass-based Hard Carbon Materials market opportunities vary by end market size?		
How does Biomass-based Hard Carbon Materials break out type, application?		
What are the influences of COVID-19 and Russia-Ukraine war?		



#### **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 Biomass-based Hard Carbon Materials Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Biomass-based Hard Carbon Materials by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Biomass-based Hard Carbon Materials by Country/Region, 2018, 2022 & 2029
- 2.2 Biomass-based Hard Carbon Materials Segment by Type
  - 2.2.1 Shells (Coconut Shells)
  - 2.2.2 Crop Waste
  - 2.2.3 Wood Charcoal
  - 2.2.4 Other
- 2.3 Biomass-based Hard Carbon Materials Sales by Type
- 2.3.1 Global Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)
- 2.3.2 Global Biomass-based Hard Carbon Materials Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Biomass-based Hard Carbon Materials Sale Price by Type (2018-2023)
- 2.4 Biomass-based Hard Carbon Materials Segment by Application
  - 2.4.1 Li-ion Battery
  - 2.4.2 Na-ion Battery
- 2.5 Biomass-based Hard Carbon Materials Sales by Application
- 2.5.1 Global Biomass-based Hard Carbon Materials Sale Market Share by Application (2018-2023)
- 2.5.2 Global Biomass-based Hard Carbon Materials Revenue and Market Share by



Application (2018-2023)

2.5.3 Global Biomass-based Hard Carbon Materials Sale Price by Application (2018-2023)

#### 3 GLOBAL BIOMASS-BASED HARD CARBON MATERIALS BY COMPANY

- 3.1 Global Biomass-based Hard Carbon Materials Breakdown Data by Company
- 3.1.1 Global Biomass-based Hard Carbon Materials Annual Sales by Company (2018-2023)
- 3.1.2 Global Biomass-based Hard Carbon Materials Sales Market Share by Company (2018-2023)
- 3.2 Global Biomass-based Hard Carbon Materials Annual Revenue by Company (2018-2023)
- 3.2.1 Global Biomass-based Hard Carbon Materials Revenue by Company (2018-2023)
- 3.2.2 Global Biomass-based Hard Carbon Materials Revenue Market Share by Company (2018-2023)
- 3.3 Global Biomass-based Hard Carbon Materials Sale Price by Company
- 3.4 Key Manufacturers Biomass-based Hard Carbon Materials Producing Area Distribution, Sales Area, Product Type
- 3.4.1 Key Manufacturers Biomass-based Hard Carbon Materials Product Location Distribution
- 3.4.2 Players Biomass-based Hard 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) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR BIOMASS-BASED HARD CARBON MATERIALS BY GEOGRAPHIC REGION

- 4.1 World Historic Biomass-based Hard Carbon Materials Market Size by Geographic Region (2018-2023)
- 4.1.1 Global Biomass-based Hard Carbon Materials Annual Sales by Geographic Region (2018-2023)
- 4.1.2 Global Biomass-based Hard Carbon Materials Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic Biomass-based Hard Carbon Materials Market Size by



#### Country/Region (2018-2023)

- 4.2.1 Global Biomass-based Hard Carbon Materials Annual Sales by Country/Region (2018-2023)
- 4.2.2 Global Biomass-based Hard Carbon Materials Annual Revenue by Country/Region (2018-2023)
- 4.3 Americas Biomass-based Hard Carbon Materials Sales Growth
- 4.4 APAC Biomass-based Hard Carbon Materials Sales Growth
- 4.5 Europe Biomass-based Hard Carbon Materials Sales Growth
- 4.6 Middle East & Africa Biomass-based Hard Carbon Materials Sales Growth

#### **5 AMERICAS**

- 5.1 Americas Biomass-based Hard Carbon Materials Sales by Country
  - 5.1.1 Americas Biomass-based Hard Carbon Materials Sales by Country (2018-2023)
- 5.1.2 Americas Biomass-based Hard Carbon Materials Revenue by Country (2018-2023)
- 5.2 Americas Biomass-based Hard Carbon Materials Sales by Type
- 5.3 Americas Biomass-based Hard Carbon Materials Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

- 6.1 APAC Biomass-based Hard Carbon Materials Sales by Region
  - 6.1.1 APAC Biomass-based Hard Carbon Materials Sales by Region (2018-2023)
- 6.1.2 APAC Biomass-based Hard Carbon Materials Revenue by Region (2018-2023)
- 6.2 APAC Biomass-based Hard Carbon Materials Sales by Type
- 6.3 APAC Biomass-based Hard Carbon Materials Sales by Application
- 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 Biomass-based Hard Carbon Materials by Country
  - 7.1.1 Europe Biomass-based Hard Carbon Materials Sales by Country (2018-2023)
- 7.1.2 Europe Biomass-based Hard Carbon Materials Revenue by Country (2018-2023)
- 7.2 Europe Biomass-based Hard Carbon Materials Sales by Type
- 7.3 Europe Biomass-based Hard Carbon Materials Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

#### **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Biomass-based Hard Carbon Materials by Country
- 8.1.1 Middle East & Africa Biomass-based Hard Carbon Materials Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa Biomass-based Hard Carbon Materials Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Biomass-based Hard Carbon Materials Sales by Type
- 8.3 Middle East & Africa Biomass-based Hard Carbon Materials Sales by Application
- 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 Biomass-based Hard Carbon Materials
- 10.3 Manufacturing Process Analysis of Biomass-based Hard Carbon Materials
- 10.4 Industry Chain Structure of Biomass-based Hard Carbon Materials



#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Biomass-based Hard Carbon Materials Distributors
- 11.3 Biomass-based Hard Carbon Materials Customer

# 12 WORLD FORECAST REVIEW FOR BIOMASS-BASED HARD CARBON MATERIALS BY GEOGRAPHIC REGION

- 12.1 Global Biomass-based Hard Carbon Materials Market Size Forecast by Region
- 12.1.1 Global Biomass-based Hard Carbon Materials Forecast by Region (2024-2029)
- 12.1.2 Global Biomass-based Hard Carbon Materials Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Biomass-based Hard Carbon Materials Forecast by Type
- 12.7 Global Biomass-based Hard Carbon Materials Forecast by Application

#### 13 KEY PLAYERS ANALYSIS

- 13.1 Kuraray
  - 13.1.1 Kuraray Company Information
- 13.1.2 Kuraray Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.1.3 Kuraray Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Kuraray Main Business Overview
  - 13.1.5 Kuraray Latest Developments
- 13.2 JFE
  - 13.2.1 JFE Company Information
- 13.2.2 JFE Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.2.3 JFE Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)



- 13.2.4 JFE Main Business Overview
- 13.2.5 JFE Latest Developments
- 13.3 Kureha
  - 13.3.1 Kureha Company Information
- 13.3.2 Kureha Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.3.3 Kureha Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.3.4 Kureha Main Business Overview
  - 13.3.5 Kureha Latest Developments
- 13.4 Sumitomo
  - 13.4.1 Sumitomo Company Information
- 13.4.2 Sumitomo Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.4.3 Sumitomo Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Sumitomo Main Business Overview
  - 13.4.5 Sumitomo Latest Developments
- 13.5 Stora Enso
  - 13.5.1 Stora Enso Company Information
- 13.5.2 Stora Enso Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.5.3 Stora Enso Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Stora Enso Main Business Overview
  - 13.5.5 Stora Enso Latest Developments
- 13.6 BRT
  - 13.6.1 BRT Company Information
- 13.6.2 BRT Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.6.3 BRT Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 BRT Main Business Overview
  - 13.6.5 BRT Latest Developments
- 13.7 Shanshan
  - 13.7.1 Shanshan Company Information
- 13.7.2 Shanshan Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.7.3 Shanshan Biomass-based Hard Carbon Materials Sales, Revenue, Price and



- Gross Margin (2018-2023)
  - 13.7.4 Shanshan Main Business Overview
  - 13.7.5 Shanshan Latest Developments
- 13.8 Shengquan
- 13.8.1 Shengquan Company Information
- 13.8.2 Shengquan Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.8.3 Shengquan Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 Shengquan Main Business Overview
  - 13.8.5 Shengquan Latest Developments
- 13.9 Chengdu BSG
  - 13.9.1 Chengdu BSG Company Information
- 13.9.2 Chengdu BSG Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.9.3 Chengdu BSG Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.9.4 Chengdu BSG Main Business Overview
  - 13.9.5 Chengdu BSG Latest Developments
- 13.10 HiNa Battery
  - 13.10.1 HiNa Battery Company Information
- 13.10.2 HiNa Battery Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.10.3 HiNa Battery Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.10.4 HiNa Battery Main Business Overview
  - 13.10.5 HiNa Battery Latest Developments
- 13.11 lopsilion
  - 13.11.1 lopsilion Company Information
- 13.11.2 Iopsilion Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.11.3 Iopsilion Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.11.4 Iopsilion Main Business Overview
  - 13.11.5 lopsilion Latest Developments
- 13.12 Guangdong Kaijin
  - 13.12.1 Guangdong Kaijin Company Information
- 13.12.2 Guangdong Kaijin Biomass-based Hard Carbon Materials Product Portfolios and Specifications



- 13.12.3 Guangdong Kaijin Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.12.4 Guangdong Kaijin Main Business Overview
  - 13.12.5 Guangdong Kaijin Latest Developments
- 13.13 Guoke Tanmei
  - 13.13.1 Guoke Tanmei Company Information
- 13.13.2 Guoke Tanmei Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.13.3 Guoke Tanmei Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.13.4 Guoke Tanmei Main Business Overview
  - 13.13.5 Guoke Tanmei Latest Developments
- 13.14 Yuanli
  - 13.14.1 Yuanli Company Information
- 13.14.2 Yuanli Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.14.3 Yuanli Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.14.4 Yuanli Main Business Overview
  - 13.14.5 Yuanli Latest Developments
- 13.15 Xinsen
  - 13.15.1 Xinsen Company Information
- 13.15.2 Xinsen Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- 13.15.3 Xinsen Biomass-based Hard Carbon Materials Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.15.4 Xinsen Main Business Overview
  - 13.15.5 Xinsen Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



#### **List Of Tables**

#### LIST OF TABLES

Table 1. Biomass-based Hard Carbon Materials Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Biomass-based Hard Carbon Materials Annual Sales CAGR by

Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Shells (Coconut Shells)

Table 4. Major Players of Crop Waste

Table 5. Major Players of Wood Charcoal

Table 6. Major Players of Other

Table 7. Global Biomass-based Hard Carbon Materials Sales by Type (2018-2023) & (Tons)

Table 8. Global Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)

Table 9. Global Biomass-based Hard Carbon Materials Revenue by Type (2018-2023) & (\$ million)

Table 10. Global Biomass-based Hard Carbon Materials Revenue Market Share by Type (2018-2023)

Table 11. Global Biomass-based Hard Carbon Materials Sale Price by Type (2018-2023) & (US\$/Ton)

Table 12. Global Biomass-based Hard Carbon Materials Sales by Application (2018-2023) & (Tons)

Table 13. Global Biomass-based Hard Carbon Materials Sales Market Share by Application (2018-2023)

Table 14. Global Biomass-based Hard Carbon Materials Revenue by Application (2018-2023)

Table 15. Global Biomass-based Hard Carbon Materials Revenue Market Share by Application (2018-2023)

Table 16. Global Biomass-based Hard Carbon Materials Sale Price by Application (2018-2023) & (US\$/Ton)

Table 17. Global Biomass-based Hard Carbon Materials Sales by Company (2018-2023) & (Tons)

Table 18. Global Biomass-based Hard Carbon Materials Sales Market Share by Company (2018-2023)

Table 19. Global Biomass-based Hard Carbon Materials Revenue by Company (2018-2023) (\$ Millions)

Table 20. Global Biomass-based Hard Carbon Materials Revenue Market Share by



Company (2018-2023)

Table 21. Global Biomass-based Hard Carbon Materials Sale Price by Company (2018-2023) & (US\$/Ton)

Table 22. Key Manufacturers Biomass-based Hard Carbon Materials Producing Area Distribution and Sales Area

Table 23. Players Biomass-based Hard Carbon Materials Products Offered

Table 24. Biomass-based Hard Carbon Materials Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Biomass-based Hard Carbon Materials Sales by Geographic Region (2018-2023) & (Tons)

Table 28. Global Biomass-based Hard Carbon Materials Sales Market Share Geographic Region (2018-2023)

Table 29. Global Biomass-based Hard Carbon Materials Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Biomass-based Hard Carbon Materials Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Biomass-based Hard Carbon Materials Sales by Country/Region (2018-2023) & (Tons)

Table 32. Global Biomass-based Hard Carbon Materials Sales Market Share by Country/Region (2018-2023)

Table 33. Global Biomass-based Hard Carbon Materials Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Biomass-based Hard Carbon Materials Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Biomass-based Hard Carbon Materials Sales by Country (2018-2023) & (Tons)

Table 36. Americas Biomass-based Hard Carbon Materials Sales Market Share by Country (2018-2023)

Table 37. Americas Biomass-based Hard Carbon Materials Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Biomass-based Hard Carbon Materials Revenue Market Share by Country (2018-2023)

Table 39. Americas Biomass-based Hard Carbon Materials Sales by Type (2018-2023) & (Tons)

Table 40. Americas Biomass-based Hard Carbon Materials Sales by Application (2018-2023) & (Tons)

Table 41. APAC Biomass-based Hard Carbon Materials Sales by Region (2018-2023) &



(Tons)

Table 42. APAC Biomass-based Hard Carbon Materials Sales Market Share by Region (2018-2023)

Table 43. APAC Biomass-based Hard Carbon Materials Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Biomass-based Hard Carbon Materials Revenue Market Share by Region (2018-2023)

Table 45. APAC Biomass-based Hard Carbon Materials Sales by Type (2018-2023) & (Tons)

Table 46. APAC Biomass-based Hard Carbon Materials Sales by Application (2018-2023) & (Tons)

Table 47. Europe Biomass-based Hard Carbon Materials Sales by Country (2018-2023) & (Tons)

Table 48. Europe Biomass-based Hard Carbon Materials Sales Market Share by Country (2018-2023)

Table 49. Europe Biomass-based Hard Carbon Materials Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Biomass-based Hard Carbon Materials Revenue Market Share by Country (2018-2023)

Table 51. Europe Biomass-based Hard Carbon Materials Sales by Type (2018-2023) & (Tons)

Table 52. Europe Biomass-based Hard Carbon Materials Sales by Application (2018-2023) & (Tons)

Table 53. Middle East & Africa Biomass-based Hard Carbon Materials Sales by Country (2018-2023) & (Tons)

Table 54. Middle East & Africa Biomass-based Hard Carbon Materials Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Biomass-based Hard Carbon Materials Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Biomass-based Hard Carbon Materials Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Biomass-based Hard Carbon Materials Sales by Type (2018-2023) & (Tons)

Table 58. Middle East & Africa Biomass-based Hard Carbon Materials Sales by Application (2018-2023) & (Tons)

Table 59. Key Market Drivers & Growth Opportunities of Biomass-based Hard Carbon Materials

Table 60. Key Market Challenges & Risks of Biomass-based Hard Carbon Materials

Table 61. Key Industry Trends of Biomass-based Hard Carbon Materials



- Table 62. Biomass-based Hard Carbon Materials Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Biomass-based Hard Carbon Materials Distributors List
- Table 65. Biomass-based Hard Carbon Materials Customer List
- Table 66. Global Biomass-based Hard Carbon Materials Sales Forecast by Region (2024-2029) & (Tons)
- Table 67. Global Biomass-based Hard Carbon Materials Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 68. Americas Biomass-based Hard Carbon Materials Sales Forecast by Country (2024-2029) & (Tons)
- Table 69. Americas Biomass-based Hard Carbon Materials Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 70. APAC Biomass-based Hard Carbon Materials Sales Forecast by Region (2024-2029) & (Tons)
- Table 71. APAC Biomass-based Hard Carbon Materials Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 72. Europe Biomass-based Hard Carbon Materials Sales Forecast by Country (2024-2029) & (Tons)
- Table 73. Europe Biomass-based Hard Carbon Materials Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Middle East & Africa Biomass-based Hard Carbon Materials Sales Forecast by Country (2024-2029) & (Tons)
- Table 75. Middle East & Africa Biomass-based Hard Carbon Materials Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 76. Global Biomass-based Hard Carbon Materials Sales Forecast by Type (2024-2029) & (Tons)
- Table 77. Global Biomass-based Hard Carbon Materials Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 78. Global Biomass-based Hard Carbon Materials Sales Forecast by Application (2024-2029) & (Tons)
- Table 79. Global Biomass-based Hard Carbon Materials Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 80. Kuraray Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors
- Table 81. Kuraray Biomass-based Hard Carbon Materials Product Portfolios and Specifications
- Table 82. Kuraray Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 83. Kuraray Main Business



Table 84. Kuraray Latest Developments

Table 85. JFE Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 86. JFE Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 87. JFE Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 88. JFE Main Business

Table 89. JFE Latest Developments

Table 90. Kureha Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 91. Kureha Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 92. Kureha Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 93. Kureha Main Business

Table 94. Kureha Latest Developments

Table 95. Sumitomo Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 96. Sumitomo Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 97. Sumitomo Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 98. Sumitomo Main Business

Table 99. Sumitomo Latest Developments

Table 100. Stora Enso Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 101. Stora Enso Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 102. Stora Enso Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 103. Stora Enso Main Business

Table 104. Stora Enso Latest Developments

Table 105. BRT Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 106. BRT Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 107. BRT Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)



Table 108. BRT Main Business

Table 109. BRT Latest Developments

Table 110. Shanshan Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 111. Shanshan Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 112. Shanshan Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 113. Shanshan Main Business

Table 114. Shanshan Latest Developments

Table 115. Shengquan Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 116. Shengquan Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 117. Shengquan Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 118. Shengquan Main Business

Table 119. Shengquan Latest Developments

Table 120. Chengdu BSG Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 121. Chengdu BSG Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 122. Chengdu BSG Biomass-based Hard Carbon Materials Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 123. Chengdu BSG Main Business

Table 124. Chengdu BSG Latest Developments

Table 125. HiNa Battery Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 126. HiNa Battery Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 127. HiNa Battery Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 128. HiNa Battery Main Business

Table 129. HiNa Battery Latest Developments

Table 130. lopsilion Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 131. Iopsilion Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 132. Iopsilion Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$



Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 133. Iopsilion Main Business

Table 134. lopsilion Latest Developments

Table 135. Guangdong Kaijin Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 136. Guangdong Kaijin Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 137. Guangdong Kaijin Biomass-based Hard Carbon Materials Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 138. Guangdong Kaijin Main Business

Table 139. Guangdong Kaijin Latest Developments

Table 140. Guoke Tanmei Basic Information, Biomass-based Hard Carbon Materials Manufacturing Base, Sales Area and Its Competitors

Table 141. Guoke Tanmei Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 142. Guoke Tanmei Biomass-based Hard Carbon Materials Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 143. Guoke Tanmei Main Business

Table 144. Guoke Tanmei Latest Developments

Table 145. Yuanli Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 146. Yuanli Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 147. Yuanli Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 148. Yuanli Main Business

Table 149. Yuanli Latest Developments

Table 150. Xinsen Basic Information, Biomass-based Hard Carbon Materials

Manufacturing Base, Sales Area and Its Competitors

Table 151. Xinsen Biomass-based Hard Carbon Materials Product Portfolios and Specifications

Table 152. Xinsen Biomass-based Hard Carbon Materials Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 153. Xinsen Main Business

Table 154. Xinsen Latest Developments



### **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Biomass-based Hard Carbon Materials
- Figure 2. Biomass-based Hard Carbon Materials Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Biomass-based Hard Carbon Materials Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Biomass-based Hard Carbon Materials Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Biomass-based Hard Carbon Materials Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Shells (Coconut Shells)
- Figure 10. Product Picture of Crop Waste
- Figure 11. Product Picture of Wood Charcoal
- Figure 12. Product Picture of Other
- Figure 13. Global Biomass-based Hard Carbon Materials Sales Market Share by Type in 2022
- Figure 14. Global Biomass-based Hard Carbon Materials Revenue Market Share by Type (2018-2023)
- Figure 15. Biomass-based Hard Carbon Materials Consumed in Li-ion Battery
- Figure 16. Global Biomass-based Hard Carbon Materials Market: Li-ion Battery (2018-2023) & (Tons)
- Figure 17. Biomass-based Hard Carbon Materials Consumed in Na-ion Battery
- Figure 18. Global Biomass-based Hard Carbon Materials Market: Na-ion Battery (2018-2023) & (Tons)
- Figure 19. Global Biomass-based Hard Carbon Materials Sales Market Share by Application (2022)
- Figure 20. Global Biomass-based Hard Carbon Materials Revenue Market Share by Application in 2022
- Figure 21. Biomass-based Hard Carbon Materials Sales Market by Company in 2022 (Tons)
- Figure 22. Global Biomass-based Hard Carbon Materials Sales Market Share by Company in 2022
- Figure 23. Biomass-based Hard Carbon Materials Revenue Market by Company in 2022 (\$ Million)



- Figure 24. Global Biomass-based Hard Carbon Materials Revenue Market Share by Company in 2022
- Figure 25. Global Biomass-based Hard Carbon Materials Sales Market Share by Geographic Region (2018-2023)
- Figure 26. Global Biomass-based Hard Carbon Materials Revenue Market Share by Geographic Region in 2022
- Figure 27. Americas Biomass-based Hard Carbon Materials Sales 2018-2023 (Tons)
- Figure 28. Americas Biomass-based Hard Carbon Materials Revenue 2018-2023 (\$ Millions)
- Figure 29. APAC Biomass-based Hard Carbon Materials Sales 2018-2023 (Tons)
- Figure 30. APAC Biomass-based Hard Carbon Materials Revenue 2018-2023 (\$ Millions)
- Figure 31. Europe Biomass-based Hard Carbon Materials Sales 2018-2023 (Tons)
- Figure 32. Europe Biomass-based Hard Carbon Materials Revenue 2018-2023 (\$ Millions)
- Figure 33. Middle East & Africa Biomass-based Hard Carbon Materials Sales 2018-2023 (Tons)
- Figure 34. Middle East & Africa Biomass-based Hard Carbon Materials Revenue 2018-2023 (\$ Millions)
- Figure 35. Americas Biomass-based Hard Carbon Materials Sales Market Share by Country in 2022
- Figure 36. Americas Biomass-based Hard Carbon Materials Revenue Market Share by Country in 2022
- Figure 37. Americas Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)
- Figure 38. Americas Biomass-based Hard Carbon Materials Sales Market Share by Application (2018-2023)
- Figure 39. United States Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)
- Figure 40. Canada Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)
- Figure 41. Mexico Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)
- Figure 42. Brazil Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)
- Figure 43. APAC Biomass-based Hard Carbon Materials Sales Market Share by Region in 2022
- Figure 44. APAC Biomass-based Hard Carbon Materials Revenue Market Share by Regions in 2022



Figure 45. APAC Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)

Figure 46. APAC Biomass-based Hard Carbon Materials Sales Market Share by Application (2018-2023)

Figure 47. China Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Japan Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 49. South Korea Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Southeast Asia Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 51. India Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Australia Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 53. China Taiwan Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Europe Biomass-based Hard Carbon Materials Sales Market Share by Country in 2022

Figure 55. Europe Biomass-based Hard Carbon Materials Revenue Market Share by Country in 2022

Figure 56. Europe Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)

Figure 57. Europe Biomass-based Hard Carbon Materials Sales Market Share by Application (2018-2023)

Figure 58. Germany Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 59. France Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 60. UK Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Italy Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Russia Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Middle East & Africa Biomass-based Hard Carbon Materials Sales Market Share by Country in 2022

Figure 64. Middle East & Africa Biomass-based Hard Carbon Materials Revenue Market



Share by Country in 2022

Figure 65. Middle East & Africa Biomass-based Hard Carbon Materials Sales Market Share by Type (2018-2023)

Figure 66. Middle East & Africa Biomass-based Hard Carbon Materials Sales Market Share by Application (2018-2023)

Figure 67. Egypt Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 68. South Africa Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Israel Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Turkey Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 71. GCC Country Biomass-based Hard Carbon Materials Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of Biomass-based Hard Carbon Materials in 2022

Figure 73. Manufacturing Process Analysis of Biomass-based Hard Carbon Materials

Figure 74. Industry Chain Structure of Biomass-based Hard Carbon Materials

Figure 75. Channels of Distribution

Figure 76. Global Biomass-based Hard Carbon Materials Sales Market Forecast by Region (2024-2029)

Figure 77. Global Biomass-based Hard Carbon Materials Revenue Market Share Forecast by Region (2024-2029)

Figure 78. Global Biomass-based Hard Carbon Materials Sales Market Share Forecast by Type (2024-2029)

Figure 79. Global Biomass-based Hard Carbon Materials Revenue Market Share Forecast by Type (2024-2029)

Figure 80. Global Biomass-based Hard Carbon Materials Sales Market Share Forecast by Application (2024-2029)

Figure 81. Global Biomass-based Hard Carbon Materials Revenue Market Share Forecast by Application (2024-2029)



#### I would like to order

Product name: Global Biomass-based Hard Carbon Materials Market Growth 2023-2029

Product link: https://marketpublishers.com/r/G528E97F890CEN.html

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

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

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G528E97F890CEN.html">https://marketpublishers.com/r/G528E97F890CEN.html</a>

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
	Custumer signature

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

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