

# Global Hard Carbon Powder Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G5671311D1DDEN.html>

Date: May 2026

Pages: 115

Price: US\$ 3,480.00 (Single User License)

ID: G5671311D1DDEN

## Abstracts

According to our (Global Info Research) latest study, the global Hard Carbon Powder market size was valued at US\$ 874 million in 2025 and is forecast to a readjusted size of US\$ 2920 million by 2032 with a CAGR of 18.7% during review period.

Hard Carbon Powder is a non-graphitizable carbon material produced through the pyrolysis of organic precursors (such as biomass, resins, pitch, or polymers) at high temperatures (typically 800-1,500°C) in an inert atmosphere, resulting in a disordered microstructure with nanopores and turbostratic carbon layers; it is widely used as an anode material in sodium-ion batteries and next-generation lithium-ion batteries due to its high capacity, low cost, and good cycling stability. The supply chain of Hard Carbon Powder begins with upstream raw materials including biomass (e.g., coconut shells, wood), petroleum pitch, or synthetic polymers, followed by midstream processing steps such as carbonization, activation (physical or chemical), milling, and surface modification to control porosity, particle size, and electrochemical performance. Downstream, the material is integrated into battery anode formulations by cell manufacturers and supplied to energy storage system producers and electric vehicle OEMs, with key end-use sectors including sodium-ion batteries, lithium-ion batteries (especially for fast-charging or low-temperature applications), grid-scale energy storage, and emerging low-cost energy storage solutions. In 2025, global Hard Carbon Powder output was about 300,000 tons with 500,000 tons of capacity, average prices of USD 2,600 - 4,500 per ton, and gross margins around 28%.

This report is a detailed and comprehensive analysis for global Hard Carbon Powder market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this

report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

**Key Features:**

Global Hard Carbon Powder market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Hard Carbon Powder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Hard Carbon Powder market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Hard Carbon Powder market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hard Carbon Powder

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hard Carbon Powder market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BTR New Material (China), Ningbo Shanshan (China), Shanghai Putailai (China), Shenzhen Xiangfenghua (China), Fujian Yuanli (China), Fujian Xinsen (China), Shengquan Group (China), Hunan Shinzoom Technology (China), Shenzhen Janaenergy (China), Iopsilion (South Korea), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Hard Carbon Powder market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Carbonized Hard Carbon

Activated Hard Carbon

Doped Hard Carbon

### Market segment by Microstructure

Highly Porous Hard Carbon

Low-Porosity Hard Carbon

### Market segment by Application

Energy Storage System

Consumer Electronic

Supercapacitor

Others

### Major players covered

BTR New Material (China)

Ningbo Shanshan (China)

Shanghai Putailai (China)

Shenzhen Xiangfenghua (China)

Fujian Yuanli (China)

Fujian Xinsen (China)

Shengquan Group (China)

Hunan Shinzoom Technology (China)

Shenzhen Janaenergy (China)

Ipsilon (South Korea)

Kuraray (Japan)

JFE Chemical (Japan)

Sumitomo Chemical (Japan)

Stora Enso (Finland)

Advanced Metallurgical Group (Netherlands)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Hard Carbon Powder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hard Carbon Powder, with price, sales quantity, revenue, and global market share of Hard Carbon Powder from 2021 to 2026.

Chapter 3, the Hard Carbon Powder competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hard Carbon Powder breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Hard Carbon Powder market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hard Carbon Powder.

Chapter 14 and 15, to describe Hard Carbon Powder sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Hard Carbon Powder Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Carbonized Hard Carbon

1.3.3 Activated Hard Carbon

1.3.4 Doped Hard Carbon

1.4 Market Analysis by Microstructure

1.4.1 Overview: Global Hard Carbon Powder Consumption Value by Microstructure: 2021 Versus 2025 Versus 2032

1.4.2 Highly Porous Hard Carbon

1.4.3 Low-Porosity Hard Carbon

1.5 Market Analysis by Application

1.5.1 Overview: Global Hard Carbon Powder Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Energy Storage System

1.5.3 Consumer Electronic

1.5.4 Supercapacitor

1.5.5 Others

1.6 Global Hard Carbon Powder Market Size & Forecast

1.6.1 Global Hard Carbon Powder Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Hard Carbon Powder Sales Quantity (2021-2032)

1.6.3 Global Hard Carbon Powder Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 BTR New Material (China)

2.1.1 BTR New Material (China) Details

2.1.2 BTR New Material (China) Major Business

2.1.3 BTR New Material (China) Hard Carbon Powder Product and Services

2.1.4 BTR New Material (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 BTR New Material (China) Recent Developments/Updates

2.2 Ningbo Shanshan (China)

- 2.2.1 Ningbo Shanshan (China) Details
- 2.2.2 Ningbo Shanshan (China) Major Business
- 2.2.3 Ningbo Shanshan (China) Hard Carbon Powder Product and Services
- 2.2.4 Ningbo Shanshan (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Ningbo Shanshan (China) Recent Developments/Updates
- 2.3 Shanghai Putailai (China)
  - 2.3.1 Shanghai Putailai (China) Details
  - 2.3.2 Shanghai Putailai (China) Major Business
  - 2.3.3 Shanghai Putailai (China) Hard Carbon Powder Product and Services
  - 2.3.4 Shanghai Putailai (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Shanghai Putailai (China) Recent Developments/Updates
- 2.4 Shenzhen Xiangfenghua (China)
  - 2.4.1 Shenzhen Xiangfenghua (China) Details
  - 2.4.2 Shenzhen Xiangfenghua (China) Major Business
  - 2.4.3 Shenzhen Xiangfenghua (China) Hard Carbon Powder Product and Services
  - 2.4.4 Shenzhen Xiangfenghua (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 Shenzhen Xiangfenghua (China) Recent Developments/Updates
- 2.5 Fujian Yuanli (China)
  - 2.5.1 Fujian Yuanli (China) Details
  - 2.5.2 Fujian Yuanli (China) Major Business
  - 2.5.3 Fujian Yuanli (China) Hard Carbon Powder Product and Services
  - 2.5.4 Fujian Yuanli (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Fujian Yuanli (China) Recent Developments/Updates
- 2.6 Fujian Xinsen (China)
  - 2.6.1 Fujian Xinsen (China) Details
  - 2.6.2 Fujian Xinsen (China) Major Business
  - 2.6.3 Fujian Xinsen (China) Hard Carbon Powder Product and Services
  - 2.6.4 Fujian Xinsen (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.6.5 Fujian Xinsen (China) Recent Developments/Updates
- 2.7 Shengquan Group (China)
  - 2.7.1 Shengquan Group (China) Details
  - 2.7.2 Shengquan Group (China) Major Business
  - 2.7.3 Shengquan Group (China) Hard Carbon Powder Product and Services
  - 2.7.4 Shengquan Group (China) Hard Carbon Powder Sales Quantity, Average Price,

## Revenue, Gross Margin and Market Share (2021-2026)

### 2.7.5 Shengquan Group (China) Recent Developments/Updates

## 2.8 Hunan Shinzoom Technology (China)

### 2.8.1 Hunan Shinzoom Technology (China) Details

### 2.8.2 Hunan Shinzoom Technology (China) Major Business

### 2.8.3 Hunan Shinzoom Technology (China) Hard Carbon Powder Product and Services

### 2.8.4 Hunan Shinzoom Technology (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.8.5 Hunan Shinzoom Technology (China) Recent Developments/Updates

## 2.9 Shenzhen Janaenergy (China)

### 2.9.1 Shenzhen Janaenergy (China) Details

### 2.9.2 Shenzhen Janaenergy (China) Major Business

### 2.9.3 Shenzhen Janaenergy (China) Hard Carbon Powder Product and Services

### 2.9.4 Shenzhen Janaenergy (China) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.9.5 Shenzhen Janaenergy (China) Recent Developments/Updates

## 2.10 Ipsilon (South Korea)

### 2.10.1 Ipsilon (South Korea) Details

### 2.10.2 Ipsilon (South Korea) Major Business

### 2.10.3 Ipsilon (South Korea) Hard Carbon Powder Product and Services

### 2.10.4 Ipsilon (South Korea) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.10.5 Ipsilon (South Korea) Recent Developments/Updates

## 2.11 Kuraray (Japan)

### 2.11.1 Kuraray (Japan) Details

### 2.11.2 Kuraray (Japan) Major Business

### 2.11.3 Kuraray (Japan) Hard Carbon Powder Product and Services

### 2.11.4 Kuraray (Japan) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.11.5 Kuraray (Japan) Recent Developments/Updates

## 2.12 JFE Chemical (Japan)

### 2.12.1 JFE Chemical (Japan) Details

### 2.12.2 JFE Chemical (Japan) Major Business

### 2.12.3 JFE Chemical (Japan) Hard Carbon Powder Product and Services

### 2.12.4 JFE Chemical (Japan) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.12.5 JFE Chemical (Japan) Recent Developments/Updates

## 2.13 Sumitomo Chemical (Japan)

- 2.13.1 Sumitomo Chemical (Japan) Details
- 2.13.2 Sumitomo Chemical (Japan) Major Business
- 2.13.3 Sumitomo Chemical (Japan) Hard Carbon Powder Product and Services
- 2.13.4 Sumitomo Chemical (Japan) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.13.5 Sumitomo Chemical (Japan) Recent Developments/Updates
- 2.14 Stora Enso (Finland)
  - 2.14.1 Stora Enso (Finland) Details
  - 2.14.2 Stora Enso (Finland) Major Business
  - 2.14.3 Stora Enso (Finland) Hard Carbon Powder Product and Services
  - 2.14.4 Stora Enso (Finland) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.14.5 Stora Enso (Finland) Recent Developments/Updates
- 2.15 Advanced Metallurgical Group (Netherlands)
  - 2.15.1 Advanced Metallurgical Group (Netherlands) Details
  - 2.15.2 Advanced Metallurgical Group (Netherlands) Major Business
  - 2.15.3 Advanced Metallurgical Group (Netherlands) Hard Carbon Powder Product and Services
  - 2.15.4 Advanced Metallurgical Group (Netherlands) Hard Carbon Powder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.15.5 Advanced Metallurgical Group (Netherlands) Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: HARD CARBON POWDER BY MANUFACTURER**

- 3.1 Global Hard Carbon Powder Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Hard Carbon Powder Revenue by Manufacturer (2021-2026)
- 3.3 Global Hard Carbon Powder Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Hard Carbon Powder by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Hard Carbon Powder Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Hard Carbon Powder Manufacturer Market Share in 2025
- 3.5 Hard Carbon Powder Market: Overall Company Footprint Analysis
  - 3.5.1 Hard Carbon Powder Market: Region Footprint
  - 3.5.2 Hard Carbon Powder Market: Company Product Type Footprint
  - 3.5.3 Hard Carbon Powder Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Hard Carbon Powder Market Size by Region
  - 4.1.1 Global Hard Carbon Powder Sales Quantity by Region (2021-2032)
  - 4.1.2 Global Hard Carbon Powder Consumption Value by Region (2021-2032)
  - 4.1.3 Global Hard Carbon Powder Average Price by Region (2021-2032)
- 4.2 North America Hard Carbon Powder Consumption Value (2021-2032)
- 4.3 Europe Hard Carbon Powder Consumption Value (2021-2032)
- 4.4 Asia-Pacific Hard Carbon Powder Consumption Value (2021-2032)
- 4.5 South America Hard Carbon Powder Consumption Value (2021-2032)
- 4.6 Middle East & Africa Hard Carbon Powder Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 5.2 Global Hard Carbon Powder Consumption Value by Type (2021-2032)
- 5.3 Global Hard Carbon Powder Average Price by Type (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Hard Carbon Powder Sales Quantity by Application (2021-2032)
- 6.2 Global Hard Carbon Powder Consumption Value by Application (2021-2032)
- 6.3 Global Hard Carbon Powder Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 7.2 North America Hard Carbon Powder Sales Quantity by Application (2021-2032)
- 7.3 North America Hard Carbon Powder Market Size by Country
  - 7.3.1 North America Hard Carbon Powder Sales Quantity by Country (2021-2032)
  - 7.3.2 North America Hard Carbon Powder Consumption Value by Country (2021-2032)
  - 7.3.3 United States Market Size and Forecast (2021-2032)
  - 7.3.4 Canada Market Size and Forecast (2021-2032)
  - 7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

- 8.1 Europe Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 8.2 Europe Hard Carbon Powder Sales Quantity by Application (2021-2032)

### 8.3 Europe Hard Carbon Powder Market Size by Country

- 8.3.1 Europe Hard Carbon Powder Sales Quantity by Country (2021-2032)
- 8.3.2 Europe Hard Carbon Powder Consumption Value by Country (2021-2032)
- 8.3.3 Germany Market Size and Forecast (2021-2032)
- 8.3.4 France Market Size and Forecast (2021-2032)
- 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
- 8.3.6 Russia Market Size and Forecast (2021-2032)
- 8.3.7 Italy Market Size and Forecast (2021-2032)

## 9 ASIA-PACIFIC

- 9.1 Asia-Pacific Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Hard Carbon Powder Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Hard Carbon Powder Market Size by Region
  - 9.3.1 Asia-Pacific Hard Carbon Powder Sales Quantity by Region (2021-2032)
  - 9.3.2 Asia-Pacific Hard Carbon Powder Consumption Value by Region (2021-2032)
  - 9.3.3 China Market Size and Forecast (2021-2032)
  - 9.3.4 Japan Market Size and Forecast (2021-2032)
  - 9.3.5 South Korea Market Size and Forecast (2021-2032)
  - 9.3.6 India Market Size and Forecast (2021-2032)
  - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
  - 9.3.8 Australia Market Size and Forecast (2021-2032)

## 10 SOUTH AMERICA

- 10.1 South America Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 10.2 South America Hard Carbon Powder Sales Quantity by Application (2021-2032)
- 10.3 South America Hard Carbon Powder Market Size by Country
  - 10.3.1 South America Hard Carbon Powder Sales Quantity by Country (2021-2032)
  - 10.3.2 South America Hard Carbon Powder Consumption Value by Country (2021-2032)
  - 10.3.3 Brazil Market Size and Forecast (2021-2032)
  - 10.3.4 Argentina Market Size and Forecast (2021-2032)

## 11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Hard Carbon Powder Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Hard Carbon Powder Sales Quantity by Application (2021-2032)

### 11.3 Middle East & Africa Hard Carbon Powder Market Size by Country

11.3.1 Middle East & Africa Hard Carbon Powder Sales Quantity by Country  
(2021-2032)

11.3.2 Middle East & Africa Hard Carbon Powder Consumption Value by Country  
(2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## 12 MARKET DYNAMICS

12.1 Hard Carbon Powder Market Drivers

12.2 Hard Carbon Powder Market Restraints

12.3 Hard Carbon Powder Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## 13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Hard Carbon Powder and Key Manufacturers

13.2 Manufacturing Costs Percentage of Hard Carbon Powder

13.3 Hard Carbon Powder Production Process

13.4 Industry Value Chain Analysis

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Hard Carbon Powder Typical Distributors

14.3 Hard Carbon Powder Typical Customers

## 15 RESEARCH FINDINGS AND CONCLUSION

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Hard Carbon Powder Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Hard Carbon Powder Consumption Value by Microstructure, (USD Million), 2021 & 2025 & 2032

Table 3. Global Hard Carbon Powder Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. BTR New Material (China) Basic Information, Manufacturing Base and Competitors

Table 5. BTR New Material (China) Major Business

Table 6. BTR New Material (China) Hard Carbon Powder Product and Services

Table 7. BTR New Material (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. BTR New Material (China) Recent Developments/Updates

Table 9. Ningbo Shanshan (China) Basic Information, Manufacturing Base and Competitors

Table 10. Ningbo Shanshan (China) Major Business

Table 11. Ningbo Shanshan (China) Hard Carbon Powder Product and Services

Table 12. Ningbo Shanshan (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Ningbo Shanshan (China) Recent Developments/Updates

Table 14. Shanghai Putailai (China) Basic Information, Manufacturing Base and Competitors

Table 15. Shanghai Putailai (China) Major Business

Table 16. Shanghai Putailai (China) Hard Carbon Powder Product and Services

Table 17. Shanghai Putailai (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Shanghai Putailai (China) Recent Developments/Updates

Table 19. Shenzhen Xiangfenghua (China) Basic Information, Manufacturing Base and Competitors

Table 20. Shenzhen Xiangfenghua (China) Major Business

Table 21. Shenzhen Xiangfenghua (China) Hard Carbon Powder Product and Services

Table 22. Shenzhen Xiangfenghua (China) Hard Carbon Powder Sales Quantity (Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Shenzhen Xiangfenghua (China) Recent Developments/Updates

Table 24. Fujian Yuanli (China) Basic Information, Manufacturing Base and Competitors

Table 25. Fujian Yuanli (China) Major Business

Table 26. Fujian Yuanli (China) Hard Carbon Powder Product and Services

Table 27. Fujian Yuanli (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Fujian Yuanli (China) Recent Developments/Updates

Table 29. Fujian Xinsen (China) Basic Information, Manufacturing Base and Competitors

Table 30. Fujian Xinsen (China) Major Business

Table 31. Fujian Xinsen (China) Hard Carbon Powder Product and Services

Table 32. Fujian Xinsen (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Fujian Xinsen (China) Recent Developments/Updates

Table 34. Shengquan Group (China) Basic Information, Manufacturing Base and Competitors

Table 35. Shengquan Group (China) Major Business

Table 36. Shengquan Group (China) Hard Carbon Powder Product and Services

Table 37. Shengquan Group (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Shengquan Group (China) Recent Developments/Updates

Table 39. Hunan Shinzoom Technology (China) Basic Information, Manufacturing Base and Competitors

Table 40. Hunan Shinzoom Technology (China) Major Business

Table 41. Hunan Shinzoom Technology (China) Hard Carbon Powder Product and Services

Table 42. Hunan Shinzoom Technology (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Hunan Shinzoom Technology (China) Recent Developments/Updates

Table 44. Shenzhen Janaenergy (China) Basic Information, Manufacturing Base and Competitors

Table 45. Shenzhen Janaenergy (China) Major Business

Table 46. Shenzhen Janaenergy (China) Hard Carbon Powder Product and Services

Table 47. Shenzhen Janaenergy (China) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share

(2021-2026)

Table 48. Shenzhen Janaenergy (China) Recent Developments/Updates

Table 49. Iopsilion (South Korea) Basic Information, Manufacturing Base and Competitors

Table 50. Iopsilion (South Korea) Major Business

Table 51. Iopsilion (South Korea) Hard Carbon Powder Product and Services

Table 52. Iopsilion (South Korea) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Iopsilion (South Korea) Recent Developments/Updates

Table 54. Kuraray (Japan) Basic Information, Manufacturing Base and Competitors

Table 55. Kuraray (Japan) Major Business

Table 56. Kuraray (Japan) Hard Carbon Powder Product and Services

Table 57. Kuraray (Japan) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Kuraray (Japan) Recent Developments/Updates

Table 59. JFE Chemical (Japan) Basic Information, Manufacturing Base and Competitors

Table 60. JFE Chemical (Japan) Major Business

Table 61. JFE Chemical (Japan) Hard Carbon Powder Product and Services

Table 62. JFE Chemical (Japan) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. JFE Chemical (Japan) Recent Developments/Updates

Table 64. Sumitomo Chemical (Japan) Basic Information, Manufacturing Base and Competitors

Table 65. Sumitomo Chemical (Japan) Major Business

Table 66. Sumitomo Chemical (Japan) Hard Carbon Powder Product and Services

Table 67. Sumitomo Chemical (Japan) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Sumitomo Chemical (Japan) Recent Developments/Updates

Table 69. Stora Enso (Finland) Basic Information, Manufacturing Base and Competitors

Table 70. Stora Enso (Finland) Major Business

Table 71. Stora Enso (Finland) Hard Carbon Powder Product and Services

Table 72. Stora Enso (Finland) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. Stora Enso (Finland) Recent Developments/Updates

Table 74. Advanced Metallurgical Group (Netherlands) Basic Information, Manufacturing Base and Competitors

Table 75. Advanced Metallurgical Group (Netherlands) Major Business

Table 76. Advanced Metallurgical Group (Netherlands) Hard Carbon Powder Product and Services

Table 77. Advanced Metallurgical Group (Netherlands) Hard Carbon Powder Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Advanced Metallurgical Group (Netherlands) Recent Developments/Updates

Table 79. Global Hard Carbon Powder Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 80. Global Hard Carbon Powder Revenue by Manufacturer (2021-2026) & (USD Million)

Table 81. Global Hard Carbon Powder Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 82. Market Position of Manufacturers in Hard Carbon Powder, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 83. Head Office and Hard Carbon Powder Production Site of Key Manufacturer

Table 84. Hard Carbon Powder Market: Company Product Type Footprint

Table 85. Hard Carbon Powder Market: Company Product Application Footprint

Table 86. Hard Carbon Powder New Market Entrants and Barriers to Market Entry

Table 87. Hard Carbon Powder Mergers, Acquisition, Agreements, and Collaborations

Table 88. Global Hard Carbon Powder Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 89. Global Hard Carbon Powder Sales Quantity by Region (2021-2026) & (Tons)

Table 90. Global Hard Carbon Powder Sales Quantity by Region (2027-2032) & (Tons)

Table 91. Global Hard Carbon Powder Consumption Value by Region (2021-2026) & (USD Million)

Table 92. Global Hard Carbon Powder Consumption Value by Region (2027-2032) & (USD Million)

Table 93. Global Hard Carbon Powder Average Price by Region (2021-2026) & (US\$/Ton)

Table 94. Global Hard Carbon Powder Average Price by Region (2027-2032) & (US\$/Ton)

Table 95. Global Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 96. Global Hard Carbon Powder Sales Quantity by Type (2027-2032) & (Tons)

Table 97. Global Hard Carbon Powder Consumption Value by Type (2021-2026) & (USD Million)

Table 98. Global Hard Carbon Powder Consumption Value by Type (2027-2032) & (USD Million)

Table 99. Global Hard Carbon Powder Average Price by Type (2021-2026) & (US\$/Ton)

Table 100. Global Hard Carbon Powder Average Price by Type (2027-2032) &

(US\$/Ton)

Table 101. Global Hard Carbon Powder Sales Quantity by Application (2021-2026) & (Tons)

Table 102. Global Hard Carbon Powder Sales Quantity by Application (2027-2032) & (Tons)

Table 103. Global Hard Carbon Powder Consumption Value by Application (2021-2026) & (USD Million)

Table 104. Global Hard Carbon Powder Consumption Value by Application (2027-2032) & (USD Million)

Table 105. Global Hard Carbon Powder Average Price by Application (2021-2026) & (US\$/Ton)

Table 106. Global Hard Carbon Powder Average Price by Application (2027-2032) & (US\$/Ton)

Table 107. North America Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 108. North America Hard Carbon Powder Sales Quantity by Type (2027-2032) & (Tons)

Table 109. North America Hard Carbon Powder Sales Quantity by Application (2021-2026) & (Tons)

Table 110. North America Hard Carbon Powder Sales Quantity by Application (2027-2032) & (Tons)

Table 111. North America Hard Carbon Powder Sales Quantity by Country (2021-2026) & (Tons)

Table 112. North America Hard Carbon Powder Sales Quantity by Country (2027-2032) & (Tons)

Table 113. North America Hard Carbon Powder Consumption Value by Country (2021-2026) & (USD Million)

Table 114. North America Hard Carbon Powder Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Europe Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 116. Europe Hard Carbon Powder Sales Quantity by Type (2027-2032) & (Tons)

Table 117. Europe Hard Carbon Powder Sales Quantity by Application (2021-2026) & (Tons)

Table 118. Europe Hard Carbon Powder Sales Quantity by Application (2027-2032) & (Tons)

Table 119. Europe Hard Carbon Powder Sales Quantity by Country (2021-2026) & (Tons)

Table 120. Europe Hard Carbon Powder Sales Quantity by Country (2027-2032) & (Tons)

Table 121. Europe Hard Carbon Powder Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Europe Hard Carbon Powder Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Asia-Pacific Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 124. Asia-Pacific Hard Carbon Powder Sales Quantity by Type (2027-2032) & (Tons)

Table 125. Asia-Pacific Hard Carbon Powder Sales Quantity by Application (2021-2026) & (Tons)

Table 126. Asia-Pacific Hard Carbon Powder Sales Quantity by Application (2027-2032) & (Tons)

Table 127. Asia-Pacific Hard Carbon Powder Sales Quantity by Region (2021-2026) & (Tons)

Table 128. Asia-Pacific Hard Carbon Powder Sales Quantity by Region (2027-2032) & (Tons)

Table 129. Asia-Pacific Hard Carbon Powder Consumption Value by Region (2021-2026) & (USD Million)

Table 130. Asia-Pacific Hard Carbon Powder Consumption Value by Region (2027-2032) & (USD Million)

Table 131. South America Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 132. South America Hard Carbon Powder Sales Quantity by Type (2027-2032) & (Tons)

Table 133. South America Hard Carbon Powder Sales Quantity by Application (2021-2026) & (Tons)

Table 134. South America Hard Carbon Powder Sales Quantity by Application (2027-2032) & (Tons)

Table 135. South America Hard Carbon Powder Sales Quantity by Country (2021-2026) & (Tons)

Table 136. South America Hard Carbon Powder Sales Quantity by Country (2027-2032) & (Tons)

Table 137. South America Hard Carbon Powder Consumption Value by Country (2021-2026) & (USD Million)

Table 138. South America Hard Carbon Powder Consumption Value by Country (2027-2032) & (USD Million)

Table 139. Middle East & Africa Hard Carbon Powder Sales Quantity by Type (2021-2026) & (Tons)

Table 140. Middle East & Africa Hard Carbon Powder Sales Quantity by Type

(2027-2032) & (Tons)

Table 141. Middle East & Africa Hard Carbon Powder Sales Quantity by Application  
(2021-2026) & (Tons)

Table 142. Middle East & Africa Hard Carbon Powder Sales Quantity by Application  
(2027-2032) & (Tons)

Table 143. Middle East & Africa Hard Carbon Powder Sales Quantity by Country  
(2021-2026) & (Tons)

Table 144. Middle East & Africa Hard Carbon Powder Sales Quantity by Country  
(2027-2032) & (Tons)

Table 145. Middle East & Africa Hard Carbon Powder Consumption Value by Country  
(2021-2026) & (USD Million)

Table 146. Middle East & Africa Hard Carbon Powder Consumption Value by Country  
(2027-2032) & (USD Million)

Table 147. Hard Carbon Powder Raw Material

Table 148. Key Manufacturers of Hard Carbon Powder Raw Materials

Table 149. Hard Carbon Powder Typical Distributors

Table 150. Hard Carbon Powder Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Hard Carbon Powder Picture
- Figure 2. Global Hard Carbon Powder Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Hard Carbon Powder Revenue Market Share by Type in 2025
- Figure 4. Carbonized Hard Carbon Examples
- Figure 5. Activated Hard Carbon Examples
- Figure 6. Doped Hard Carbon Examples
- Figure 7. Global Hard Carbon Powder Revenue by Microstructure, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Hard Carbon Powder Revenue Market Share by Microstructure in 2025
- Figure 9. Highly Porous Hard Carbon Examples
- Figure 10. Low-Porosity Hard Carbon Examples
- Figure 11. Global Hard Carbon Powder Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 12. Global Hard Carbon Powder Revenue Market Share by Application in 2025
- Figure 13. Energy Storage System Examples
- Figure 14. Consumer Electronic Examples
- Figure 15. Supercapacitor Examples
- Figure 16. Others Examples
- Figure 17. Global Hard Carbon Powder Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 18. Global Hard Carbon Powder Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 19. Global Hard Carbon Powder Sales Quantity (2021-2032) & (Tons)
- Figure 20. Global Hard Carbon Powder Price (2021-2032) & (US\$/Ton)
- Figure 21. Global Hard Carbon Powder Sales Quantity Market Share by Manufacturer in 2025
- Figure 22. Global Hard Carbon Powder Revenue Market Share by Manufacturer in 2025
- Figure 23. Producer Shipments of Hard Carbon Powder by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 24. Top 3 Hard Carbon Powder Manufacturer (Revenue) Market Share in 2025
- Figure 25. Top 6 Hard Carbon Powder Manufacturer (Revenue) Market Share in 2025
- Figure 26. Global Hard Carbon Powder Sales Quantity Market Share by Region (2021-2032)
- Figure 27. Global Hard Carbon Powder Consumption Value Market Share by Region

(2021-2032)

Figure 28. North America Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 29. Europe Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 30. Asia-Pacific Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 31. South America Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 32. Middle East & Africa Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 33. Global Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 34. Global Hard Carbon Powder Consumption Value Market Share by Type (2021-2032)

Figure 35. Global Hard Carbon Powder Average Price by Type (2021-2032) & (US\$/Ton)

Figure 36. Global Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 37. Global Hard Carbon Powder Revenue Market Share by Application (2021-2032)

Figure 38. Global Hard Carbon Powder Average Price by Application (2021-2032) & (US\$/Ton)

Figure 39. North America Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 40. North America Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 41. North America Hard Carbon Powder Sales Quantity Market Share by Country (2021-2032)

Figure 42. North America Hard Carbon Powder Consumption Value Market Share by Country (2021-2032)

Figure 43. United States Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 44. Canada Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 45. Mexico Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 46. Europe Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 47. Europe Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 48. Europe Hard Carbon Powder Sales Quantity Market Share by Country (2021-2032)

Figure 49. Europe Hard Carbon Powder Consumption Value Market Share by Country (2021-2032)

Figure 50. Germany Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 51. France Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 52. United Kingdom Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 53. Russia Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 54. Italy Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 55. Asia-Pacific Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 56. Asia-Pacific Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 57. Asia-Pacific Hard Carbon Powder Sales Quantity Market Share by Region (2021-2032)

Figure 58. Asia-Pacific Hard Carbon Powder Consumption Value Market Share by Region (2021-2032)

Figure 59. China Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 62. India Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 65. South America Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 66. South America Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 67. South America Hard Carbon Powder Sales Quantity Market Share by Country (2021-2032)

Figure 68. South America Hard Carbon Powder Consumption Value Market Share by Country (2021-2032)

Figure 69. Brazil Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 70. Argentina Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 71. Middle East & Africa Hard Carbon Powder Sales Quantity Market Share by Type (2021-2032)

Figure 72. Middle East & Africa Hard Carbon Powder Sales Quantity Market Share by Application (2021-2032)

Figure 73. Middle East & Africa Hard Carbon Powder Sales Quantity Market Share by Country (2021-2032)

Figure 74. Middle East & Africa Hard Carbon Powder Consumption Value Market Share by Country (2021-2032)

Figure 75. Turkey Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 76. Egypt Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 77. Saudi Arabia Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 78. South Africa Hard Carbon Powder Consumption Value (2021-2032) & (USD Million)

Figure 79. Hard Carbon Powder Market Drivers

Figure 80. Hard Carbon Powder Market Restraints

Figure 81. Hard Carbon Powder Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Hard Carbon Powder in 2025

Figure 84. Manufacturing Process Analysis of Hard Carbon Powder

Figure 85. Hard Carbon Powder Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

## I would like to order

Product name: Global Hard Carbon Powder Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G5671311D1DDEN.html>

Price: US\$ 3,480.00 (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/G5671311D1DDEN.html>