

Global N-Doped Porous Carbon Materials Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G1EB348DE637EN.html>

Date: July 2026

Pages: 98

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

ID: G1EB348DE637EN

Abstracts

The global N-Doped Porous Carbon Materials market size is expected to reach \$ 161 million by 2032, rising at a market growth of 21.5% CAGR during the forecast period (2026-2032).

In 2025, global sales volume of N-Doped Porous Carbon Materials was approximately 380 tons, with an average global market price of about USD 105/kg. The gross margin of major producers was generally in the range of 35%-55%.

N-Doped Porous Carbon Materials are functional carbon materials in which nitrogen elements are introduced into a porous carbon framework. These materials typically feature high specific surface area, well-developed pore structures, good electrical conductivity, and abundant nitrogen-containing active sites. Nitrogen configurations may include pyridinic nitrogen, pyrrolic nitrogen, graphitic nitrogen, oxidized nitrogen, and quaternary nitrogen. Different nitrogen structures affect the electron distribution, surface polarity, adsorption capacity, and catalytic activity of the material.

The upstream segment of N-Doped Porous Carbon Materials mainly includes biomass, phenolic resin, pitch, polymers, MOF materials, nitrogen-containing precursors, activating agents, and inert gases. The midstream segment involves carbonization, activation, nitrogen-source doping, pore-structure regulation, and post-treatment processes to produce materials with different pore sizes, specific surface areas, nitrogen contents, and morphologies. Downstream applications are mainly concentrated in the energy, environmental protection, chemical, and electronic fields. The value of the industry is mainly concentrated in pore-structure design, nitrogen-doping uniformity, batch stability, and performance matching for specific applications.

This report studies the global N-Doped Porous Carbon Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for N-Doped Porous Carbon Materials and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of N-Doped Porous Carbon Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global N-Doped Porous Carbon Materials total production and demand, 2021-2032, (Tons)

Global N-Doped Porous Carbon Materials total production value, 2021-2032, (USD Million)

Global N-Doped Porous Carbon Materials production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global N-Doped Porous Carbon Materials consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: N-Doped Porous Carbon Materials domestic production, consumption, key domestic manufacturers and share

Global N-Doped Porous Carbon Materials production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global N-Doped Porous Carbon Materials production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global N-Doped Porous Carbon Materials production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global N-Doped Porous Carbon Materials market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ACS Material, Stanford Advanced Materials, Nanjing Momentum Materials, Suzhou Tsingcarbo Nanomaterials, Biochar Future Eco-environmental Technology, JiaTan Technology, 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 N-Doped Porous Carbon Materials market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global N-Doped Porous Carbon Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global N-Doped Porous Carbon Materials Market, Segmentation by Type:

Fossil-Based

Biomass-Based

Resin-Based

Carbon Nanomaterial Composite-Based

Global N-Doped Porous Carbon Materials Market, Segmentation by Nitrogen Structure:

Pyridinic Nitrogen

Pyrrolic Nitrogen

Graphitic Nitrogen

Oxidized Nitrogen

Quaternary Nitrogen

Global N-Doped Porous Carbon Materials Market, Segmentation by Pore Size:

Microporous Type

Mesoporous Type

Macroporous Type

Global N-Doped Porous Carbon Materials Market, Segmentation by Application:

Energy

Environmental Protection

Chemical

Electronic

Other

Companies Profiled:

ACS Material

Stanford Advanced Materials

Nanjing Momentum Materials

Suzhou Tsingcarbo Nanomaterials

Biochar Future Eco-environmental Technology

JiaTan Technology

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 N-Doped Porous Carbon Materials Introduction
- 1.2 World N-Doped Porous Carbon Materials Supply & Forecast
 - 1.2.1 World N-Doped Porous Carbon Materials Production Value (2021 & 2025 & 2032)
 - 1.2.2 World N-Doped Porous Carbon Materials Production (2021-2032)
 - 1.2.3 World N-Doped Porous Carbon Materials Pricing Trends (2021-2032)
- 1.3 World N-Doped Porous Carbon Materials Production by Region (Based on Production Site)
 - 1.3.1 World N-Doped Porous Carbon Materials Production Value by Region (2021-2032)
 - 1.3.2 World N-Doped Porous Carbon Materials Production by Region (2021-2032)
 - 1.3.3 World N-Doped Porous Carbon Materials Average Price by Region (2021-2032)
 - 1.3.4 North America N-Doped Porous Carbon Materials Production (2021-2032)
 - 1.3.5 China N-Doped Porous Carbon Materials Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 N-Doped Porous Carbon Materials Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 N-Doped Porous Carbon Materials Major Market Trends

2 DEMAND SUMMARY

- 2.1 World N-Doped Porous Carbon Materials Demand (2021-2032)
- 2.2 World N-Doped Porous Carbon Materials Consumption by Region
 - 2.2.1 World N-Doped Porous Carbon Materials Consumption by Region (2021-2026)
 - 2.2.2 World N-Doped Porous Carbon Materials Consumption Forecast by Region (2027-2032)
- 2.3 United States N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.4 China N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.5 Europe N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.6 Japan N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.7 South Korea N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.8 ASEAN N-Doped Porous Carbon Materials Consumption (2021-2032)
- 2.9 India N-Doped Porous Carbon Materials Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World N-Doped Porous Carbon Materials Production Value by Manufacturer (2021-2026)

3.2 World N-Doped Porous Carbon Materials Production by Manufacturer (2021-2026)

3.3 World N-Doped Porous Carbon Materials Average Price by Manufacturer (2021-2026)

3.4 N-Doped Porous Carbon Materials Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global N-Doped Porous Carbon Materials Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for N-Doped Porous Carbon Materials in 2025

3.5.3 Global Concentration Ratios (CR8) for N-Doped Porous Carbon Materials in 2025

3.6 N-Doped Porous Carbon Materials Market: Overall Company Footprint Analysis

3.6.1 N-Doped Porous Carbon Materials Market: Region Footprint

3.6.2 N-Doped Porous Carbon Materials Market: Company Product Type Footprint

3.6.3 N-Doped Porous Carbon Materials Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: N-Doped Porous Carbon Materials Production Value Comparison

4.1.1 United States VS China: N-Doped Porous Carbon Materials Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: N-Doped Porous Carbon Materials Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: N-Doped Porous Carbon Materials Production Comparison

4.2.1 United States VS China: N-Doped Porous Carbon Materials Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: N-Doped Porous Carbon Materials Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: N-Doped Porous Carbon Materials Consumption

Comparison

4.3.1 United States VS China: N-Doped Porous Carbon Materials Consumption

Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: N-Doped Porous Carbon Materials Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based N-Doped Porous Carbon Materials Manufacturers and Market Share, 2021-2026

4.4.1 United States Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers N-Doped Porous Carbon Materials Production Value (2021-2026)

4.4.3 United States Based Manufacturers N-Doped Porous Carbon Materials Production (2021-2026)

4.5 China Based N-Doped Porous Carbon Materials Manufacturers and Market Share

4.5.1 China Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers N-Doped Porous Carbon Materials Production Value (2021-2026)

4.5.3 China Based Manufacturers N-Doped Porous Carbon Materials Production (2021-2026)

4.6 Rest of World Based N-Doped Porous Carbon Materials Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World N-Doped Porous Carbon Materials Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Fossil-Based

5.2.2 Biomass-Based

5.2.3 Resin-Based

5.2.4 Carbon Nanomaterial Composite-Based

5.3 Market Segment by Type

- 5.3.1 World N-Doped Porous Carbon Materials Production by Type (2021-2032)
- 5.3.2 World N-Doped Porous Carbon Materials Production Value by Type (2021-2032)
- 5.3.3 World N-Doped Porous Carbon Materials Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY NITROGEN STRUCTURE

- 6.1 World N-Doped Porous Carbon Materials Market Size Overview by Nitrogen Structure: 2021 VS 2025 VS 2032
- 6.2 Segment Introduction by Nitrogen Structure
 - 6.2.1 Pyridinic Nitrogen
 - 6.2.2 Pyrrolic Nitrogen
 - 6.2.3 Graphitic Nitrogen
 - 6.2.4 Oxidized Nitrogen
 - 6.2.5 Quaternary Nitrogen
- 6.3 Market Segment by Nitrogen Structure
 - 6.3.1 World N-Doped Porous Carbon Materials Production by Nitrogen Structure (2021-2032)
 - 6.3.2 World N-Doped Porous Carbon Materials Production Value by Nitrogen Structure (2021-2032)
 - 6.3.3 World N-Doped Porous Carbon Materials Average Price by Nitrogen Structure (2021-2032)

7 MARKET ANALYSIS BY PORE SIZE

- 7.1 World N-Doped Porous Carbon Materials Market Size Overview by Pore Size: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Pore Size
 - 7.2.1 Microporous Type
 - 7.2.2 Mesoporous Type
 - 7.2.3 Macroporous Type
- 7.3 Market Segment by Pore Size
 - 7.3.1 World N-Doped Porous Carbon Materials Production by Pore Size (2021-2032)
 - 7.3.2 World N-Doped Porous Carbon Materials Production Value by Pore Size (2021-2032)
 - 7.3.3 World N-Doped Porous Carbon Materials Average Price by Pore Size (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World N-Doped Porous Carbon Materials Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Energy

8.2.2 Environmental Protection

8.2.3 Chemical

8.2.4 Electronic

8.2.5 Other

8.3 Market Segment by Application

8.3.1 World N-Doped Porous Carbon Materials Production by Application (2021-2032)

8.3.2 World N-Doped Porous Carbon Materials Production Value by Application (2021-2032)

8.3.3 World N-Doped Porous Carbon Materials Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 ACS Material

9.1.1 ACS Material Details

9.1.2 ACS Material Major Business

9.1.3 ACS Material N-Doped Porous Carbon Materials Product and Services

9.1.4 ACS Material N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 ACS Material Recent Developments/Updates

9.1.6 ACS Material Competitive Strengths & Weaknesses

9.2 Stanford Advanced Materials

9.2.1 Stanford Advanced Materials Details

9.2.2 Stanford Advanced Materials Major Business

9.2.3 Stanford Advanced Materials N-Doped Porous Carbon Materials Product and Services

9.2.4 Stanford Advanced Materials N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Stanford Advanced Materials Recent Developments/Updates

9.2.6 Stanford Advanced Materials Competitive Strengths & Weaknesses

9.3 Nanjing Momentum Materials

9.3.1 Nanjing Momentum Materials Details

9.3.2 Nanjing Momentum Materials Major Business

9.3.3 Nanjing Momentum Materials N-Doped Porous Carbon Materials Product and Services

- 9.3.4 Nanjing Momentum Materials N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.3.5 Nanjing Momentum Materials Recent Developments/Updates
- 9.3.6 Nanjing Momentum Materials Competitive Strengths & Weaknesses
- 9.4 Suzhou Tsingcarbo Nanomaterials
 - 9.4.1 Suzhou Tsingcarbo Nanomaterials Details
 - 9.4.2 Suzhou Tsingcarbo Nanomaterials Major Business
 - 9.4.3 Suzhou Tsingcarbo Nanomaterials N-Doped Porous Carbon Materials Product and Services
 - 9.4.4 Suzhou Tsingcarbo Nanomaterials N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Suzhou Tsingcarbo Nanomaterials Recent Developments/Updates
 - 9.4.6 Suzhou Tsingcarbo Nanomaterials Competitive Strengths & Weaknesses
- 9.5 Biochar Future Eco-environmental Technology
 - 9.5.1 Biochar Future Eco-environmental Technology Details
 - 9.5.2 Biochar Future Eco-environmental Technology Major Business
 - 9.5.3 Biochar Future Eco-environmental Technology N-Doped Porous Carbon Materials Product and Services
 - 9.5.4 Biochar Future Eco-environmental Technology N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Biochar Future Eco-environmental Technology Recent Developments/Updates
 - 9.5.6 Biochar Future Eco-environmental Technology Competitive Strengths & Weaknesses
- 9.6 JiaTan Technology
 - 9.6.1 JiaTan Technology Details
 - 9.6.2 JiaTan Technology Major Business
 - 9.6.3 JiaTan Technology N-Doped Porous Carbon Materials Product and Services
 - 9.6.4 JiaTan Technology N-Doped Porous Carbon Materials Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 JiaTan Technology Recent Developments/Updates
 - 9.6.6 JiaTan Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 N-Doped Porous Carbon Materials Industry Chain
- 10.2 N-Doped Porous Carbon Materials Upstream Analysis
 - 10.2.1 N-Doped Porous Carbon Materials Core Raw Materials
 - 10.2.2 Main Manufacturers of N-Doped Porous Carbon Materials Core Raw Materials
- 10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 N-Doped Porous Carbon Materials Production Mode

10.6 N-Doped Porous Carbon Materials Procurement Model

10.7 N-Doped Porous Carbon Materials Industry Sales Model and Sales Channels

10.7.1 N-Doped Porous Carbon Materials Sales Model

10.7.2 N-Doped Porous Carbon Materials Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World N-Doped Porous Carbon Materials Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World N-Doped Porous Carbon Materials Production Value by Region (2021-2026) & (USD Million)

Table 3. World N-Doped Porous Carbon Materials Production Value by Region (2027-2032) & (USD Million)

Table 4. World N-Doped Porous Carbon Materials Production Value Market Share by Region (2021-2026)

Table 5. World N-Doped Porous Carbon Materials Production Value Market Share by Region (2027-2032)

Table 6. World N-Doped Porous Carbon Materials Production by Region (2021-2026) & (Tons)

Table 7. World N-Doped Porous Carbon Materials Production by Region (2027-2032) & (Tons)

Table 8. World N-Doped Porous Carbon Materials Production Market Share by Region (2021-2026)

Table 9. World N-Doped Porous Carbon Materials Production Market Share by Region (2027-2032)

Table 10. World N-Doped Porous Carbon Materials Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World N-Doped Porous Carbon Materials Average Price by Region (2027-2032) & (US\$/kg)

Table 12. N-Doped Porous Carbon Materials Major Market Trends

Table 13. World N-Doped Porous Carbon Materials Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World N-Doped Porous Carbon Materials Consumption by Region (2021-2026) & (Tons)

Table 15. World N-Doped Porous Carbon Materials Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World N-Doped Porous Carbon Materials Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key N-Doped Porous Carbon Materials Producers in 2025

Table 18. World N-Doped Porous Carbon Materials Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key N-Doped Porous Carbon Materials Producers in 2025

Table 20. World N-Doped Porous Carbon Materials Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global N-Doped Porous Carbon Materials Company Evaluation Quadrant

Table 22. World N-Doped Porous Carbon Materials Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and N-Doped Porous Carbon Materials Production Site of Key Manufacturer

Table 24. N-Doped Porous Carbon Materials Market: Company Product Type Footprint

Table 25. N-Doped Porous Carbon Materials Market: Company Product Application Footprint

Table 26. N-Doped Porous Carbon Materials Competitive Factors

Table 27. N-Doped Porous Carbon Materials New Entrant and Capacity Expansion Plans

Table 28. N-Doped Porous Carbon Materials Mergers & Acquisitions Activity

Table 29. United States VS China N-Doped Porous Carbon Materials Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China N-Doped Porous Carbon Materials Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China N-Doped Porous Carbon Materials Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers N-Doped Porous Carbon Materials Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers N-Doped Porous Carbon Materials Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers N-Doped Porous Carbon Materials Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers N-Doped Porous Carbon Materials Production Market Share (2021-2026)

Table 37. China Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers N-Doped Porous Carbon Materials Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers N-Doped Porous Carbon Materials Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers N-Doped Porous Carbon Materials Production,

(2021-2026) & (Tons)

Table 41. China Based Manufacturers N-Doped Porous Carbon Materials Production Market Share (2021-2026)

Table 42. Rest of World Based N-Doped Porous Carbon Materials Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production Market Share (2021-2026)

Table 47. World N-Doped Porous Carbon Materials Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World N-Doped Porous Carbon Materials Production by Type (2021-2026) & (Tons)

Table 49. World N-Doped Porous Carbon Materials Production by Type (2027-2032) & (Tons)

Table 50. World N-Doped Porous Carbon Materials Production Value by Type (2021-2026) & (USD Million)

Table 51. World N-Doped Porous Carbon Materials Production Value by Type (2027-2032) & (USD Million)

Table 52. World N-Doped Porous Carbon Materials Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World N-Doped Porous Carbon Materials Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World N-Doped Porous Carbon Materials Production Value by Nitrogen Structure, (USD Million), 2021 & 2025 & 2032

Table 55. World N-Doped Porous Carbon Materials Production by Nitrogen Structure (2021-2026) & (Tons)

Table 56. World N-Doped Porous Carbon Materials Production by Nitrogen Structure (2027-2032) & (Tons)

Table 57. World N-Doped Porous Carbon Materials Production Value by Nitrogen Structure (2021-2026) & (USD Million)

Table 58. World N-Doped Porous Carbon Materials Production Value by Nitrogen Structure (2027-2032) & (USD Million)

Table 59. World N-Doped Porous Carbon Materials Average Price by Nitrogen Structure (2021-2026) & (US\$/kg)

Table 60. World N-Doped Porous Carbon Materials Average Price by Nitrogen Structure (2027-2032) & (US\$/kg)

Table 61. World N-Doped Porous Carbon Materials Production Value by Pore Size, (USD Million), 2021 & 2025 & 2032

Table 62. World N-Doped Porous Carbon Materials Production by Pore Size (2021-2026) & (Tons)

Table 63. World N-Doped Porous Carbon Materials Production by Pore Size (2027-2032) & (Tons)

Table 64. World N-Doped Porous Carbon Materials Production Value by Pore Size (2021-2026) & (USD Million)

Table 65. World N-Doped Porous Carbon Materials Production Value by Pore Size (2027-2032) & (USD Million)

Table 66. World N-Doped Porous Carbon Materials Average Price by Pore Size (2021-2026) & (US\$/kg)

Table 67. World N-Doped Porous Carbon Materials Average Price by Pore Size (2027-2032) & (US\$/kg)

Table 68. World N-Doped Porous Carbon Materials Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World N-Doped Porous Carbon Materials Production by Application (2021-2026) & (Tons)

Table 70. World N-Doped Porous Carbon Materials Production by Application (2027-2032) & (Tons)

Table 71. World N-Doped Porous Carbon Materials Production Value by Application (2021-2026) & (USD Million)

Table 72. World N-Doped Porous Carbon Materials Production Value by Application (2027-2032) & (USD Million)

Table 73. World N-Doped Porous Carbon Materials Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World N-Doped Porous Carbon Materials Average Price by Application (2027-2032) & (US\$/kg)

Table 75. ACS Material Basic Information, Manufacturing Base and Competitors

Table 76. ACS Material Major Business

Table 77. ACS Material N-Doped Porous Carbon Materials Product and Services

Table 78. ACS Material N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. ACS Material Recent Developments/Updates

Table 80. ACS Material Competitive Strengths & Weaknesses

Table 81. Stanford Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 82. Stanford Advanced Materials Major Business

Table 83. Stanford Advanced Materials N-Doped Porous Carbon Materials Product and Services

Table 84. Stanford Advanced Materials N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Stanford Advanced Materials Recent Developments/Updates

Table 86. Stanford Advanced Materials Competitive Strengths & Weaknesses

Table 87. Nanjing Momentum Materials Basic Information, Manufacturing Base and Competitors

Table 88. Nanjing Momentum Materials Major Business

Table 89. Nanjing Momentum Materials N-Doped Porous Carbon Materials Product and Services

Table 90. Nanjing Momentum Materials N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Nanjing Momentum Materials Recent Developments/Updates

Table 92. Nanjing Momentum Materials Competitive Strengths & Weaknesses

Table 93. Suzhou Tsingcarbo Nanomaterials Basic Information, Manufacturing Base and Competitors

Table 94. Suzhou Tsingcarbo Nanomaterials Major Business

Table 95. Suzhou Tsingcarbo Nanomaterials N-Doped Porous Carbon Materials Product and Services

Table 96. Suzhou Tsingcarbo Nanomaterials N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Suzhou Tsingcarbo Nanomaterials Recent Developments/Updates

Table 98. Suzhou Tsingcarbo Nanomaterials Competitive Strengths & Weaknesses

Table 99. Biochar Future Eco-environmental Technology Basic Information, Manufacturing Base and Competitors

Table 100. Biochar Future Eco-environmental Technology Major Business

Table 101. Biochar Future Eco-environmental Technology N-Doped Porous Carbon Materials Product and Services

Table 102. Biochar Future Eco-environmental Technology N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Biochar Future Eco-environmental Technology Recent Developments/Updates

Table 104. Biochar Future Eco-environmental Technology Competitive Strengths &

Weaknesses

Table 105. JiaTan Technology Basic Information, Manufacturing Base and Competitors

Table 106. JiaTan Technology Major Business

Table 107. JiaTan Technology N-Doped Porous Carbon Materials Product and Services

Table 108. JiaTan Technology N-Doped Porous Carbon Materials Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. JiaTan Technology Recent Developments/Updates

Table 110. JiaTan Technology Competitive Strengths & Weaknesses

Table 111. Global Key Players of N-Doped Porous Carbon Materials Upstream (Raw Materials)

Table 112. Global N-Doped Porous Carbon Materials Typical Customers

Table 113. N-Doped Porous Carbon Materials Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. N-Doped Porous Carbon Materials Picture

Figure 2. World N-Doped Porous Carbon Materials Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World N-Doped Porous Carbon Materials Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World N-Doped Porous Carbon Materials Production (2021-2032) & (Tons)

Figure 5. World N-Doped Porous Carbon Materials Average Price (2021-2032) & (US\$/kg)

Figure 6. World N-Doped Porous Carbon Materials Production Value Market Share by Region (2021-2032)

Figure 7. World N-Doped Porous Carbon Materials Production Market Share by Region (2021-2032)

Figure 8. North America N-Doped Porous Carbon Materials Production (2021-2032) & (Tons)

Figure 9. China N-Doped Porous Carbon Materials Production (2021-2032) & (Tons)

Figure 10. N-Doped Porous Carbon Materials Market Drivers

Figure 11. Factors Affecting Demand

Figure 12. World N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 13. World N-Doped Porous Carbon Materials Consumption Market Share by Region (2021-2032)

Figure 14. United States N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 15. China N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 16. Europe N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 17. Japan N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 18. South Korea N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 19. ASEAN N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 20. India N-Doped Porous Carbon Materials Consumption (2021-2032) & (Tons)

Figure 21. Producer Shipments of N-Doped Porous Carbon Materials by Manufacturer

Revenue (\$MM) and Market Share (%): 2025

Figure 22. Global Four-firm Concentration Ratios (CR4) for N-Doped Porous Carbon Materials Markets in 2025

Figure 23. Global Four-firm Concentration Ratios (CR8) for N-Doped Porous Carbon Materials Markets in 2025

Figure 24. United States VS China: N-Doped Porous Carbon Materials Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 25. United States VS China: N-Doped Porous Carbon Materials Production Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: N-Doped Porous Carbon Materials Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States Based Manufacturers N-Doped Porous Carbon Materials Production Market Share 2025

Figure 28. China Based Manufacturers N-Doped Porous Carbon Materials Production Market Share 2025

Figure 29. Rest of World Based Manufacturers N-Doped Porous Carbon Materials Production Market Share 2025

Figure 30. World N-Doped Porous Carbon Materials Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 31. World N-Doped Porous Carbon Materials Production Value Market Share by Type in 2025

Figure 32. Fossil-Based

Figure 33. Biomass-Based

Figure 34. Resin-Based

Figure 35. Carbon Nanomaterial Composite-Based

Figure 36. World N-Doped Porous Carbon Materials Production Market Share by Type (2021-2032)

Figure 37. World N-Doped Porous Carbon Materials Production Value Market Share by Type (2021-2032)

Figure 38. World N-Doped Porous Carbon Materials Average Price by Type (2021-2032) & (US\$/kg)

Figure 39. World N-Doped Porous Carbon Materials Production Value by Nitrogen Structure, (USD Million), 2021 & 2025 & 2032

Figure 40. World N-Doped Porous Carbon Materials Production Value Market Share by Nitrogen Structure in 2025

Figure 41. Pyridinic Nitrogen

Figure 42. Pyrrolic Nitrogen

Figure 43. Graphitic Nitrogen

Figure 44. Oxidized Nitrogen

Figure 45. Quaternary Nitrogen

Figure 46. World N-Doped Porous Carbon Materials Production Market Share by Nitrogen Structure (2021-2032)

Figure 47. World N-Doped Porous Carbon Materials Production Value Market Share by Nitrogen Structure (2021-2032)

Figure 48. World N-Doped Porous Carbon Materials Average Price by Nitrogen Structure (2021-2032) & (US\$/kg)

Figure 49. World N-Doped Porous Carbon Materials Production Value by Pore Size, (USD Million), 2021 & 2025 & 2032

Figure 50. World N-Doped Porous Carbon Materials Production Value Market Share by Pore Size in 2025

Figure 51. Microporous Type

Figure 52. Mesoporous Type

Figure 53. Macroporous Type

Figure 54. World N-Doped Porous Carbon Materials Production Market Share by Pore Size (2021-2032)

Figure 55. World N-Doped Porous Carbon Materials Production Value Market Share by Pore Size (2021-2032)

Figure 56. World N-Doped Porous Carbon Materials Average Price by Pore Size (2021-2032) & (US\$/kg)

Figure 57. World N-Doped Porous Carbon Materials Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World N-Doped Porous Carbon Materials Production Value Market Share by Application in 2025

Figure 59. Energy

Figure 60. Environmental Protection

Figure 61. Chemical

Figure 62. Electronic

Figure 63. Other

Figure 64. World N-Doped Porous Carbon Materials Production Market Share by Application (2021-2032)

Figure 65. World N-Doped Porous Carbon Materials Production Value Market Share by Application (2021-2032)

Figure 66. World N-Doped Porous Carbon Materials Average Price by Application (2021-2032) & (US\$/kg)

Figure 67. N-Doped Porous Carbon Materials Industry Chain

Figure 68. N-Doped Porous Carbon Materials Procurement Model

Figure 69. N-Doped Porous Carbon Materials Sales Model

Figure 70. N-Doped Porous Carbon Materials Sales Channels, Direct Sales, and

Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

I would like to order

Product name: Global N-Doped Porous Carbon Materials Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G1EB348DE637EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1EB348DE637EN.html>