

Global Carbon Nitride Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G0FB6A054041EN.html>

Date: January 2026

Pages: 87

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

ID: G0FB6A054041EN

Abstracts

The global Carbon Nitride market size is expected to reach \$ 4.88 million by 2032, rising at a market growth of 12.0% CAGR during the forecast period (2026-2032).

Carbon nitride (most often meaning polymeric/graphitic carbon nitride, g-C₃N₄, and related CN_x materials) is an emerging functional-materials market built around nitrogen-rich carbon solids that act as light-active semiconductors and catalytic supports, and are sold as powders, nanosheets, porous particles, coatings/films, or composites for use in photocatalysis (pollutant removal, water splitting for hydrogen, CO₂ conversion, organic transformations), electrochemical catalysis (especially oxygen reduction and related reactions), and a growing set of energy-storage and sensing uses. The product in this market is usually not a finished consumer good; it is a platform material that downstream users modify (dope, exfoliate, combine with metals/oxides, immobilize on substrates) to hit a target activity, stability, and process form factor for their own device, reactor, coating, or electrode. In today's supply landscape, a meaningful share of demand still comes from universities and industrial R&D labs buying catalog g-C₃N₄ powders or basic derivatives, while pilot-scale and application-specific grades are expanding as more groups move from proof-of-concept to demonstrators and field-oriented prototypes. This R&D-heavy, application-pull structure is consistent with how the scientific literature frames g-C₃N₄: a widely used, comparatively easy-to-prepare, metal-free semiconductor photocatalyst with broad application potential that still needs engineering to overcome performance limits.

In 2025, global Carbon Nitride production reached approximately 101.7 kg, with an average global market price of around US\$ 20.3 per g. The global single-line production capacity ranges from 15 to 20 kg per year. The industry's gross profit margin is approximately 25%-35%.

A key market trend is that plain bulk g-C₃N₄ powder is becoming less of the end point and more of a starting point. Buyers increasingly ask for engineered structures

because basic g-C₃N₄ often suffers from limited surface area, fast electron-hole recombination, and modest conductivity, which cap real-world reaction rates. As a result, product differentiation is shifting toward porous frameworks, ultrathin nanosheets, defect-rich or doped variants, and multi-component composites that separate charges better and expose more active sites. In commercial terms, this pushes suppliers toward "application-ready" offerings?e.g., pre-loaded co-catalysts, magnetically recoverable composites, or immobilized layers?because many industrial users do not want to run multi-step nanomaterial synthesis in-house.

Another trend is expansion beyond classical photocatalysis into electrochemical energy conversion and storage, which broadens the addressable customer set. In fuel-cell and related electrochemical systems, carbon nitride and CN_x materials are studied as catalyst supports and functional layers because nitrogen-containing carbons can improve catalyst anchoring and durability compared with some conventional carbon blacks, and can also participate in oxygen reduction chemistry when properly structured.

In batteries and supercapacitors, g-C₃N₄ is increasingly explored as a 2D host with abundant nitrogen sites and tunable porosity; current reviews discuss its use across lithium-ion, sodium-ion, lithium-sulfur, and metal-air concepts, often in composite form to address conductivity and stability challenges.

For the market, this matters because energy-storage supply chains tend to reward scalable, consistent powders and coatings, and they create pull for standardized QC metrics (surface area, defect density proxies, conductivity, impurity profiles), which are not always prioritized in purely academic procurement.

The carbon nitride market can be defined as a platform-materials space transitioning from research supply to early application-driven specialization. The most likely near-term growth pattern is not "one big volume jump," but a gradual build across several niches where carbon nitride offers a cost, sustainability, or durability advantage and where engineering can overcome integration barriers: visible-light photocatalysis for specific pollutants, hybrid photocatalytic membranes, catalyst-support layers in electrochemical devices, and composite roles in emerging battery chemistries. The long-run upside is significant because the downstream themes are large, but the winning products will be those that package carbon nitride into reproducible, easy-to-use forms with verified performance under realistic conditions?turning a highly flexible lab material into a dependable industrial ingredient.

Global Carbon Nitride key players include Reade Advanced Materials, Nanjing XFNANO Materials, Carbodeon, etc. Global top three manufacturers hold a share about 60%.

This report studies the global Carbon Nitride production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Nitride 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 Carbon Nitride that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Nitride total production and demand, 2021-2032, (g)

Global Carbon Nitride total production value, 2021-2032, (USD Million)

Global Carbon Nitride production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (g), (based on production site)

Global Carbon Nitride consumption by region & country, CAGR, 2021-2032 & (g)

U.S. VS China: Carbon Nitride domestic production, consumption, key domestic manufacturers and share

Global Carbon Nitride production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (g)

Global Carbon Nitride production by Type, production, value, CAGR, 2021-2032, (USD Million) & (g)

Global Carbon Nitride production by Application, production, value, CAGR, 2021-2032, (USD Million) & (g)

This report profiles key players in the global Carbon Nitride 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 Reade Advanced Materials, Carbodeon, Nanjing XFNANO Materials, Green Science Alliance, Mknano, 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 Carbon Nitride market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (g) and average price (USD/g) 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 Carbon Nitride Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Carbon Nitride Market, Segmentation by Type:

Solid Carbon Nitride

Carbon Nitride Solution

Global Carbon Nitride Market, Segmentation by Particle Size:

Micron-grade

Sub-micron

Nano-grade

Global Carbon Nitride Market, Segmentation by Synthesis Route:

Thermal Condensation

Templated Synthesis

Supramolecular Precursor Routes

Post-treated/Exfoliated Routes

Global Carbon Nitride Market, Segmentation by Sales Channel:

Online

Offline

Global Carbon Nitride Market, Segmentation by Application:

Photocatalyst

Coatings

Others

Companies Profiled:

Reade Advanced Materials

Carbodeon

Nanjing XFNANO Materials

Green Science Alliance

Mknano

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Carbon Nitride Production Value by Manufacturer (2021-2026)

- 3.2 World Carbon Nitride Production by Manufacturer (2021-2026)
- 3.3 World Carbon Nitride Average Price by Manufacturer (2021-2026)
- 3.4 Carbon Nitride Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Carbon Nitride Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Carbon Nitride in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Carbon Nitride in 2025
- 3.6 Carbon Nitride Market: Overall Company Footprint Analysis
 - 3.6.1 Carbon Nitride Market: Region Footprint
 - 3.6.2 Carbon Nitride Market: Company Product Type Footprint
 - 3.6.3 Carbon Nitride Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Carbon Nitride Production Value Comparison
 - 4.1.1 United States VS China: Carbon Nitride Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Carbon Nitride Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Carbon Nitride Production Comparison
 - 4.2.1 United States VS China: Carbon Nitride Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Carbon Nitride Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Carbon Nitride Consumption Comparison
 - 4.3.1 United States VS China: Carbon Nitride Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Carbon Nitride Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Carbon Nitride Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Carbon Nitride Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers Carbon Nitride Production Value

(2021-2026)

4.4.3 United States Based Manufacturers Carbon Nitride Production (2021-2026)

4.5 China Based Carbon Nitride Manufacturers and Market Share

4.5.1 China Based Carbon Nitride Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Nitride Production Value (2021-2026)

4.5.3 China Based Manufacturers Carbon Nitride Production (2021-2026)

4.6 Rest of World Based Carbon Nitride Manufacturers and Market Share, 2021-2026

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

4.6.2 Rest of World Based Manufacturers Carbon Nitride Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Carbon Nitride Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Carbon Nitride Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Solid Carbon Nitride

5.2.2 Carbon Nitride Solution

5.3 Market Segment by Type

5.3.1 World Carbon Nitride Production by Type (2021-2032)

5.3.2 World Carbon Nitride Production Value by Type (2021-2032)

5.3.3 World Carbon Nitride Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PARTICLE SIZE

6.1 World Carbon Nitride Market Size Overview by Particle Size: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Particle Size

6.2.1 Micron-grade

6.2.2 Sub-micron

6.2.3 Nano-grade

6.3 Market Segment by Particle Size

6.3.1 World Carbon Nitride Production by Particle Size (2021-2032)

6.3.2 World Carbon Nitride Production Value by Particle Size (2021-2032)

6.3.3 World Carbon Nitride Average Price by Particle Size (2021-2032)

7 MARKET ANALYSIS BY SYNTHESIS ROUTE

7.1 World Carbon Nitride Market Size Overview by Synthesis Route: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Synthesis Route

7.2.1 Thermal Condensation

7.2.2 Templated Synthesis

7.2.3 Supramolecular Precursor Routes

7.2.4 Post-treated/Exfoliated Routes

7.3 Market Segment by Synthesis Route

7.3.1 World Carbon Nitride Production by Synthesis Route (2021-2032)

7.3.2 World Carbon Nitride Production Value by Synthesis Route (2021-2032)

7.3.3 World Carbon Nitride Average Price by Synthesis Route (2021-2032)

8 MARKET ANALYSIS BY SALES CHANNEL

8.1 World Carbon Nitride Market Size Overview by Sales Channel: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Sales Channel

8.2.1 Online

8.2.2 Offline

8.3 Market Segment by Sales Channel

8.3.1 World Carbon Nitride Production by Sales Channel (2021-2032)

8.3.2 World Carbon Nitride Production Value by Sales Channel (2021-2032)

8.3.3 World Carbon Nitride Average Price by Sales Channel (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Carbon Nitride Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Photocatalyst

9.2.2 Coatings

9.2.3 Others

9.3 Market Segment by Application

9.3.1 World Carbon Nitride Production by Application (2021-2032)

9.3.2 World Carbon Nitride Production Value by Application (2021-2032)

9.3.3 World Carbon Nitride Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Reade Advanced Materials

10.1.1 Reade Advanced Materials Details

10.1.2 Reade Advanced Materials Major Business

10.1.3 Reade Advanced Materials Carbon Nitride Product and Services

10.1.4 Reade Advanced Materials Carbon Nitride Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 Reade Advanced Materials Recent Developments/Updates

10.1.6 Reade Advanced Materials Competitive Strengths & Weaknesses

10.2 Carbodeon

10.2.1 Carbodeon Details

10.2.2 Carbodeon Major Business

10.2.3 Carbodeon Carbon Nitride Product and Services

10.2.4 Carbodeon Carbon Nitride Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 Carbodeon Recent Developments/Updates

10.2.6 Carbodeon Competitive Strengths & Weaknesses

10.3 Nanjing XFNANO Materials

10.3.1 Nanjing XFNANO Materials Details

10.3.2 Nanjing XFNANO Materials Major Business

10.3.3 Nanjing XFNANO Materials Carbon Nitride Product and Services

10.3.4 Nanjing XFNANO Materials Carbon Nitride Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.3.5 Nanjing XFNANO Materials Recent Developments/Updates

10.3.6 Nanjing XFNANO Materials Competitive Strengths & Weaknesses

10.4 Green Science Alliance

10.4.1 Green Science Alliance Details

10.4.2 Green Science Alliance Major Business

10.4.3 Green Science Alliance Carbon Nitride Product and Services

10.4.4 Green Science Alliance Carbon Nitride Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.4.5 Green Science Alliance Recent Developments/Updates

10.4.6 Green Science Alliance Competitive Strengths & Weaknesses

10.5 Mknano

10.5.1 Mknano Details

10.5.2 Mknano Major Business

10.5.3 Mknano Carbon Nitride Product and Services

10.5.4 Mknano Carbon Nitride Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.5.5 Mknano Recent Developments/Updates

10.5.6 Mknano Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 Carbon Nitride Industry Chain

11.2 Carbon Nitride Upstream Analysis

11.2.1 Carbon Nitride Core Raw Materials

11.2.2 Main Manufacturers of Carbon Nitride Core Raw Materials

11.3 Midstream Analysis

11.4 Downstream Analysis

11.5 Carbon Nitride Production Mode

11.6 Carbon Nitride Procurement Model

11.7 Carbon Nitride Industry Sales Model and Sales Channels

11.7.1 Carbon Nitride Sales Model

11.7.2 Carbon Nitride Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Carbon Nitride Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Carbon Nitride Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Carbon Nitride Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Carbon Nitride Production Value Market Share by Region (2021-2026)
- Table 5. World Carbon Nitride Production Value Market Share by Region (2027-2032)
- Table 6. World Carbon Nitride Production by Region (2021-2026) & (g)
- Table 7. World Carbon Nitride Production by Region (2027-2032) & (g)
- Table 8. World Carbon Nitride Production Market Share by Region (2021-2026)
- Table 9. World Carbon Nitride Production Market Share by Region (2027-2032)
- Table 10. World Carbon Nitride Average Price by Region (2021-2026) & (USD/g)
- Table 11. World Carbon Nitride Average Price by Region (2027-2032) & (USD/g)
- Table 12. Carbon Nitride Major Market Trends
- Table 13. World Carbon Nitride Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (g)
- Table 14. World Carbon Nitride Consumption by Region (2021-2026) & (g)
- Table 15. World Carbon Nitride Consumption Forecast by Region (2027-2032) & (g)
- Table 16. World Carbon Nitride Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Carbon Nitride Producers in 2025
- Table 18. World Carbon Nitride Production by Manufacturer (2021-2026) & (g)
- Table 19. Production Market Share of Key Carbon Nitride Producers in 2025
- Table 20. World Carbon Nitride Average Price by Manufacturer (2021-2026) & (USD/g)
- Table 21. Global Carbon Nitride Company Evaluation Quadrant
- Table 22. World Carbon Nitride Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and Carbon Nitride Production Site of Key Manufacturer
- Table 24. Carbon Nitride Market: Company Product Type Footprint
- Table 25. Carbon Nitride Market: Company Product Application Footprint
- Table 26. Carbon Nitride Competitive Factors
- Table 27. Carbon Nitride New Entrant and Capacity Expansion Plans
- Table 28. Carbon Nitride Mergers & Acquisitions Activity
- Table 29. United States VS China Carbon Nitride Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Carbon Nitride Production Comparison, (2021 & 2025

& 2032) & (g)

Table 31. United States VS China Carbon Nitride Consumption Comparison, (2021 & 2025 & 2032) & (g)

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

Table 33. United States Based Manufacturers Carbon Nitride Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Carbon Nitride Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Carbon Nitride Production (2021-2026) & (g)

Table 36. United States Based Manufacturers Carbon Nitride Production Market Share (2021-2026)

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

Table 38. China Based Manufacturers Carbon Nitride Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Carbon Nitride Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Carbon Nitride Production, (2021-2026) & (g)

Table 41. China Based Manufacturers Carbon Nitride Production Market Share (2021-2026)

Table 42. Rest of World Based Carbon Nitride Manufacturers, Headquarters and Production Site (State, Country)

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

Table 44. Rest of World Based Manufacturers Carbon Nitride Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Carbon Nitride Production, (2021-2026) & (g)

Table 46. Rest of World Based Manufacturers Carbon Nitride Production Market Share (2021-2026)

Table 47. World Carbon Nitride Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Carbon Nitride Production by Type (2021-2026) & (g)

Table 49. World Carbon Nitride Production by Type (2027-2032) & (g)

Table 50. World Carbon Nitride Production Value by Type (2021-2026) & (USD Million)

Table 51. World Carbon Nitride Production Value by Type (2027-2032) & (USD Million)

Table 52. World Carbon Nitride Average Price by Type (2021-2026) & (USD/g)

- Table 53. World Carbon Nitride Average Price by Type (2027-2032) & (USD/g)
- Table 54. World Carbon Nitride Production Value by Particle Size, (USD Million), 2021 & 2025 & 2032
- Table 55. World Carbon Nitride Production by Particle Size (2021-2026) & (g)
- Table 56. World Carbon Nitride Production by Particle Size (2027-2032) & (g)
- Table 57. World Carbon Nitride Production Value by Particle Size (2021-2026) & (USD Million)
- Table 58. World Carbon Nitride Production Value by Particle Size (2027-2032) & (USD Million)
- Table 59. World Carbon Nitride Average Price by Particle Size (2021-2026) & (USD/g)
- Table 60. World Carbon Nitride Average Price by Particle Size (2027-2032) & (USD/g)
- Table 61. World Carbon Nitride Production Value by Synthesis Route, (USD Million), 2021 & 2025 & 2032
- Table 62. World Carbon Nitride Production by Synthesis Route (2021-2026) & (g)
- Table 63. World Carbon Nitride Production by Synthesis Route (2027-2032) & (g)
- Table 64. World Carbon Nitride Production Value by Synthesis Route (2021-2026) & (USD Million)
- Table 65. World Carbon Nitride Production Value by Synthesis Route (2027-2032) & (USD Million)
- Table 66. World Carbon Nitride Average Price by Synthesis Route (2021-2026) & (USD/g)
- Table 67. World Carbon Nitride Average Price by Synthesis Route (2027-2032) & (USD/g)
- Table 68. World Carbon Nitride Production Value by Sales Channel, (USD Million), 2021 & 2025 & 2032
- Table 69. World Carbon Nitride Production by Sales Channel (2021-2026) & (g)
- Table 70. World Carbon Nitride Production by Sales Channel (2027-2032) & (g)
- Table 71. World Carbon Nitride Production Value by Sales Channel (2021-2026) & (USD Million)
- Table 72. World Carbon Nitride Production Value by Sales Channel (2027-2032) & (USD Million)
- Table 73. World Carbon Nitride Average Price by Sales Channel (2021-2026) & (USD/g)
- Table 74. World Carbon Nitride Average Price by Sales Channel (2027-2032) & (USD/g)
- Table 75. World Carbon Nitride Production Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 76. World Carbon Nitride Production by Application (2021-2026) & (g)
- Table 77. World Carbon Nitride Production by Application (2027-2032) & (g)

Table 78. World Carbon Nitride Production Value by Application (2021-2026) & (USD Million)

Table 79. World Carbon Nitride Production Value by Application (2027-2032) & (USD Million)

Table 80. World Carbon Nitride Average Price by Application (2021-2026) & (USD/g)

Table 81. World Carbon Nitride Average Price by Application (2027-2032) & (USD/g)

Table 82. Reade Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 83. Reade Advanced Materials Major Business

Table 84. Reade Advanced Materials Carbon Nitride Product and Services

Table 85. Reade Advanced Materials Carbon Nitride Production (g), Price (USD/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 86. Reade Advanced Materials Recent Developments/Updates

Table 87. Reade Advanced Materials Competitive Strengths & Weaknesses

Table 88. Carbodeon Basic Information, Manufacturing Base and Competitors

Table 89. Carbodeon Major Business

Table 90. Carbodeon Carbon Nitride Product and Services

Table 91. Carbodeon Carbon Nitride Production (g), Price (USD/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 92. Carbodeon Recent Developments/Updates

Table 93. Carbodeon Competitive Strengths & Weaknesses

Table 94. Nanjing XFNANO Materials Basic Information, Manufacturing Base and Competitors

Table 95. Nanjing XFNANO Materials Major Business

Table 96. Nanjing XFNANO Materials Carbon Nitride Product and Services

Table 97. Nanjing XFNANO Materials Carbon Nitride Production (g), Price (USD/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Nanjing XFNANO Materials Recent Developments/Updates

Table 99. Nanjing XFNANO Materials Competitive Strengths & Weaknesses

Table 100. Green Science Alliance Basic Information, Manufacturing Base and Competitors

Table 101. Green Science Alliance Major Business

Table 102. Green Science Alliance Carbon Nitride Product and Services

Table 103. Green Science Alliance Carbon Nitride Production (g), Price (USD/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 104. Green Science Alliance Recent Developments/Updates

Table 105. Green Science Alliance Competitive Strengths & Weaknesses

Table 106. Mknano Basic Information, Manufacturing Base and Competitors

Table 107. Mknano Major Business

Table 108. Mknano Carbon Nitride Product and Services

Table 109. Mknano Carbon Nitride Production (g), Price (USD/g), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 110. Mknano Recent Developments/Updates

Table 111. Mknano Competitive Strengths & Weaknesses

Table 112. Global Key Players of Carbon Nitride Upstream (Raw Materials)

Table 113. Global Carbon Nitride Typical Customers

Table 114. Carbon Nitride Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Carbon Nitride Picture

Figure 2. World Carbon Nitride Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Carbon Nitride Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Carbon Nitride Production (2021-2032) & (g)

Figure 5. World Carbon Nitride Average Price (2021-2032) & (USD/g)

Figure 6. World Carbon Nitride Production Value Market Share by Region (2021-2032)

Figure 7. World Carbon Nitride Production Market Share by Region (2021-2032)

Figure 8. North America Carbon Nitride Production (2021-2032) & (g)

Figure 9. Europe Carbon Nitride Production (2021-2032) & (g)

Figure 10. China Carbon Nitride Production (2021-2032) & (g)

Figure 11. Japan Carbon Nitride Production (2021-2032) & (g)

Figure 12. Carbon Nitride Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Carbon Nitride Consumption (2021-2032) & (g)

Figure 15. World Carbon Nitride Consumption Market Share by Region (2021-2032)

Figure 16. United States Carbon Nitride Consumption (2021-2032) & (g)

Figure 17. China Carbon Nitride Consumption (2021-2032) & (g)

Figure 18. Europe Carbon Nitride Consumption (2021-2032) & (g)

Figure 19. Japan Carbon Nitride Consumption (2021-2032) & (g)

Figure 20. South Korea Carbon Nitride Consumption (2021-2032) & (g)

Figure 21. ASEAN Carbon Nitride Consumption (2021-2032) & (g)

Figure 22. India Carbon Nitride Consumption (2021-2032) & (g)

Figure 23. Producer Shipments of Carbon Nitride by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Nitride Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Nitride Markets in 2025

Figure 26. United States VS China: Carbon Nitride Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Carbon Nitride Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Carbon Nitride Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Carbon Nitride Production Market Share 2025

Figure 30. China Based Manufacturers Carbon Nitride Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Carbon Nitride Production Market Share 2025

Figure 32. World Carbon Nitride Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Carbon Nitride Production Value Market Share by Type in 2025

Figure 34. Solid Carbon Nitride

Figure 35. Carbon Nitride Solution

Figure 36. World Carbon Nitride Production Market Share by Type (2021-2032)

Figure 37. World Carbon Nitride Production Value Market Share by Type (2021-2032)

Figure 38. World Carbon Nitride Average Price by Type (2021-2032) & (USD/g)

Figure 39. World Carbon Nitride Production Value by Particle Size, (USD Million), 2021 & 2025 & 2032

Figure 40. World Carbon Nitride Production Value Market Share by Particle Size in 2025

Figure 41. Micron-grade

Figure 42. Sub-micron

Figure 43. Nano-grade

Figure 44. World Carbon Nitride Production Market Share by Particle Size (2021-2032)

Figure 45. World Carbon Nitride Production Value Market Share by Particle Size (2021-2032)

Figure 46. World Carbon Nitride Average Price by Particle Size (2021-2032) & (USD/g)

Figure 47. World Carbon Nitride Production Value by Synthesis Route, (USD Million), 2021 & 2025 & 2032

Figure 48. World Carbon Nitride Production Value Market Share by Synthesis Route in 2025

Figure 49. Thermal Condensation

Figure 50. Templated Synthesis

Figure 51. Supramolecular Precursor Routes

Figure 52. Post-treated/Exfoliated Routes

Figure 53. World Carbon Nitride Production Market Share by Synthesis Route (2021-2032)

Figure 54. World Carbon Nitride Production Value Market Share by Synthesis Route (2021-2032)

Figure 55. World Carbon Nitride Average Price by Synthesis Route (2021-2032) & (USD/g)

Figure 56. World Carbon Nitride Production Value by Sales Channel, (USD Million),

2021 & 2025 & 2032

Figure 57. World Carbon Nitride Production Value Market Share by Sales Channel in 2025

Figure 58. Online

Figure 59. Offline

Figure 60. World Carbon Nitride Production Market Share by Sales Channel (2021-2032)

Figure 61. World Carbon Nitride Production Value Market Share by Sales Channel (2021-2032)

Figure 62. World Carbon Nitride Average Price by Sales Channel (2021-2032) & (USD/g)

Figure 63. World Carbon Nitride Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 64. World Carbon Nitride Production Value Market Share by Application in 2025

Figure 65. Photocatalyst

Figure 66. Coatings

Figure 67. Others

Figure 68. World Carbon Nitride Production Market Share by Application (2021-2032)

Figure 69. World Carbon Nitride Production Value Market Share by Application (2021-2032)

Figure 70. World Carbon Nitride Average Price by Application (2021-2032) & (USD/g)

Figure 71. Carbon Nitride Industry Chain

Figure 72. Carbon Nitride Procurement Model

Figure 73. Carbon Nitride Sales Model

Figure 74. Carbon Nitride Sales Channels, Direct Sales, and Distribution

Figure 75. Methodology

Figure 76. Research Process and Data Source

I would like to order

Product name: Global Carbon Nitride Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G0FB6A054041EN.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/G0FB6A054041EN.html>