

Global High-Purity Gallium Nitride Powder Market Growth 2022-2028

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Abstracts

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Gallium Nitride (GaN) is a hard, mechanically stable semiconductor compound with high heat capacity and thermal conductivity. It has a bandgap of 3.4 eV and in its pure form, it is crack resistant.Gallium Nitride Powder is mainly used in semiconductor materials and phosphor raw materials.

The global market for High-Purity Gallium Nitride Powder is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC High-Purity Gallium Nitride Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States High-Purity Gallium Nitride Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe High-Purity Gallium Nitride Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China High-Purity Gallium Nitride Powder market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.



Global key High-Purity Gallium Nitride Powder players cover Stanford Advanced Materials, Nippon Rare Metal, Tanki New Materials, NC Element and KRD Materials, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global High-Purity Gallium Nitride Powder market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global High-Purity Gallium Nitride Powder market, with both quantitative and qualitative data, to help readers understand how the High-Purity Gallium Nitride Powder market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the High-Purity Gallium Nitride Powder market and forecasts the market size by Type (Purity 4N, Purity 5N and Others), by Application (Semiconductor Material, Phosphor Raw Materials and Others,), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Purity 4N

Purity 5N

Others

Segmentation by application



Semiconductor Material

Phosphor Raw Materials

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France



UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Stanford Advanced Materials

Nippon Rare Metal

Tanki New Materials

NC Element

KRD Materials

XI'AN FUNCTION MATERIAL GROUP

Luoyang Tongrun Nano Technology

Chapter Introduction

Chapter 1: Scope of High-Purity Gallium Nitride Powder, Research Methodology, etc.



Chapter 2: Executive Summary, global High-Purity Gallium Nitride Powder market size (sales and revenue) and CAGR, High-Purity Gallium Nitride Powder market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: High-Purity Gallium Nitride Powder sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global High-Purity Gallium Nitride Powder sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global High-Purity Gallium Nitride Powder market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Stanford Advanced Materials, Nippon Rare Metal, Tanki New Materials, NC Element, KRD Materials, XI'AN FUNCTION MATERIAL GROUP and Luoyang Tongrun Nano Technology, etc.

Chapter 14: Research Findings and Conclusion



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
- 2.1.1 Global High-Purity Gallium Nitride Powder Annual Sales 2017-2028

2.1.2 World Current & Future Analysis for High-Purity Gallium Nitride Powder by Geographic Region, 2017, 2022 & 2028

2.1.3 World Current & Future Analysis for High-Purity Gallium Nitride Powder by Country/Region, 2017, 2022 & 2028

2.2 High-Purity Gallium Nitride Powder Segment by Type

- 2.2.1 Purity 4N
- 2.2.2 Purity 5N
- 2.2.3 Others

2.3 High-Purity Gallium Nitride Powder Sales by Type

2.3.1 Global High-Purity Gallium Nitride Powder Sales Market Share by Type (2017-2022)

2.3.2 Global High-Purity Gallium Nitride Powder Revenue and Market Share by Type (2017-2022)

2.3.3 Global High-Purity Gallium Nitride Powder Sale Price by Type (2017-2022)

2.4 High-Purity Gallium Nitride Powder Segment by Application

- 2.4.1 Semiconductor Material
- 2.4.2 Phosphor Raw Materials
- 2.4.3 Others

2.5 High-Purity Gallium Nitride Powder Sales by Application

2.5.1 Global High-Purity Gallium Nitride Powder Sale Market Share by Application (2017-2022)

2.5.2 Global High-Purity Gallium Nitride Powder Revenue and Market Share by Application (2017-2022)



2.5.3 Global High-Purity Gallium Nitride Powder Sale Price by Application (2017-2022)

3 GLOBAL HIGH-PURITY GALLIUM NITRIDE POWDER BY COMPANY

3.1 Global High-Purity Gallium Nitride Powder Breakdown Data by Company

3.1.1 Global High-Purity Gallium Nitride Powder Annual Sales by Company (2020-2022)

3.1.2 Global High-Purity Gallium Nitride Powder Sales Market Share by Company (2020-2022)

3.2 Global High-Purity Gallium Nitride Powder Annual Revenue by Company (2020-2022)

3.2.1 Global High-Purity Gallium Nitride Powder Revenue by Company (2020-2022)

3.2.2 Global High-Purity Gallium Nitride Powder Revenue Market Share by Company (2020-2022)

3.3 Global High-Purity Gallium Nitride Powder Sale Price by Company

3.4 Key Manufacturers High-Purity Gallium Nitride Powder Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High-Purity Gallium Nitride Powder Product Location Distribution

3.4.2 Players High-Purity Gallium Nitride Powder Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR HIGH-PURITY GALLIUM NITRIDE POWDER BY GEOGRAPHIC REGION

4.1 World Historic High-Purity Gallium Nitride Powder Market Size by Geographic Region (2017-2022)

4.1.1 Global High-Purity Gallium Nitride Powder Annual Sales by Geographic Region (2017-2022)

4.1.2 Global High-Purity Gallium Nitride Powder Annual Revenue by Geographic Region

4.2 World Historic High-Purity Gallium Nitride Powder Market Size by Country/Region (2017-2022)

4.2.1 Global High-Purity Gallium Nitride Powder Annual Sales by Country/Region (2017-2022)



- 4.2.2 Global High-Purity Gallium Nitride Powder Annual Revenue by Country/Region
- 4.3 Americas High-Purity Gallium Nitride Powder Sales Growth
- 4.4 APAC High-Purity Gallium Nitride Powder Sales Growth
- 4.5 Europe High-Purity Gallium Nitride Powder Sales Growth
- 4.6 Middle East & Africa High-Purity Gallium Nitride Powder Sales Growth

5 AMERICAS

- 5.1 Americas High-Purity Gallium Nitride Powder Sales by Country
- 5.1.1 Americas High-Purity Gallium Nitride Powder Sales by Country (2017-2022)
- 5.1.2 Americas High-Purity Gallium Nitride Powder Revenue by Country (2017-2022)
- 5.2 Americas High-Purity Gallium Nitride Powder Sales by Type
- 5.3 Americas High-Purity Gallium Nitride Powder Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC High-Purity Gallium Nitride Powder Sales by Region
- 6.1.1 APAC High-Purity Gallium Nitride Powder Sales by Region (2017-2022)
- 6.1.2 APAC High-Purity Gallium Nitride Powder Revenue by Region (2017-2022)
- 6.2 APAC High-Purity Gallium Nitride Powder Sales by Type
- 6.3 APAC High-Purity Gallium Nitride Powder Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

7.1 Europe High-Purity Gallium Nitride Powder by Country

- 7.1.1 Europe High-Purity Gallium Nitride Powder Sales by Country (2017-2022)
- 7.1.2 Europe High-Purity Gallium Nitride Powder Revenue by Country (2017-2022)
- 7.2 Europe High-Purity Gallium Nitride Powder Sales by Type



7.3 Europe High-Purity Gallium Nitride Powder Sales by Application

- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa High-Purity Gallium Nitride Powder by Country

8.1.1 Middle East & Africa High-Purity Gallium Nitride Powder Sales by Country (2017-2022)

8.1.2 Middle East & Africa High-Purity Gallium Nitride Powder Revenue by Country (2017-2022)

8.2 Middle East & Africa High-Purity Gallium Nitride Powder Sales by Type

8.3 Middle East & Africa High-Purity Gallium Nitride Powder Sales by Application

- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of High-Purity Gallium Nitride Powder
- 10.3 Manufacturing Process Analysis of High-Purity Gallium Nitride Powder
- 10.4 Industry Chain Structure of High-Purity Gallium Nitride Powder

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels



- 11.1.2 Indirect Channels
- 11.2 High-Purity Gallium Nitride Powder Distributors
- 11.3 High-Purity Gallium Nitride Powder Customer

12 WORLD FORECAST REVIEW FOR HIGH-PURITY GALLIUM NITRIDE POWDER BY GEOGRAPHIC REGION

- 12.1 Global High-Purity Gallium Nitride Powder Market Size Forecast by Region
- 12.1.1 Global High-Purity Gallium Nitride Powder Forecast by Region (2023-2028)

12.1.2 Global High-Purity Gallium Nitride Powder Annual Revenue Forecast by Region (2023-2028)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global High-Purity Gallium Nitride Powder Forecast by Type
- 12.7 Global High-Purity Gallium Nitride Powder Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Stanford Advanced Materials
 - 13.1.1 Stanford Advanced Materials Company Information
- 13.1.2 Stanford Advanced Materials High-Purity Gallium Nitride Powder Product Offered
- 13.1.3 Stanford Advanced Materials High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.1.4 Stanford Advanced Materials Main Business Overview
- 13.1.5 Stanford Advanced Materials Latest Developments

13.2 Nippon Rare Metal

- 13.2.1 Nippon Rare Metal Company Information
- 13.2.2 Nippon Rare Metal High-Purity Gallium Nitride Powder Product Offered

13.2.3 Nippon Rare Metal High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)

- 13.2.4 Nippon Rare Metal Main Business Overview
- 13.2.5 Nippon Rare Metal Latest Developments
- 13.3 Tanki New Materials
- 13.3.1 Tanki New Materials Company Information
- 13.3.2 Tanki New Materials High-Purity Gallium Nitride Powder Product Offered
- 13.3.3 Tanki New Materials High-Purity Gallium Nitride Powder Sales, Revenue, Price



and Gross Margin (2020-2022)

13.3.4 Tanki New Materials Main Business Overview

13.3.5 Tanki New Materials Latest Developments

13.4 NC Element

13.4.1 NC Element Company Information

13.4.2 NC Element High-Purity Gallium Nitride Powder Product Offered

13.4.3 NC Element High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)

13.4.4 NC Element Main Business Overview

13.4.5 NC Element Latest Developments

13.5 KRD Materials

13.5.1 KRD Materials Company Information

13.5.2 KRD Materials High-Purity Gallium Nitride Powder Product Offered

13.5.3 KRD Materials High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)

13.5.4 KRD Materials Main Business Overview

13.5.5 KRD Materials Latest Developments

13.6 XI'AN FUNCTION MATERIAL GROUP

13.6.1 XI'AN FUNCTION MATERIAL GROUP Company Information

13.6.2 XI'AN FUNCTION MATERIAL GROUP High-Purity Gallium Nitride Powder Product Offered

13.6.3 XI'AN FUNCTION MATERIAL GROUP High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)

13.6.4 XI'AN FUNCTION MATERIAL GROUP Main Business Overview

13.6.5 XI'AN FUNCTION MATERIAL GROUP Latest Developments

13.7 Luoyang Tongrun Nano Technology

13.7.1 Luoyang Tongrun Nano Technology Company Information

13.7.2 Luoyang Tongrun Nano Technology High-Purity Gallium Nitride Powder Product Offered

13.7.3 Luoyang Tongrun Nano Technology High-Purity Gallium Nitride Powder Sales, Revenue, Price and Gross Margin (2020-2022)

13.7.4 Luoyang Tongrun Nano Technology Main Business Overview

13.7.5 Luoyang Tongrun Nano Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

Table 1. High-Purity Gallium Nitride Powder Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions) Table 2. High-Purity Gallium Nitride Powder Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions) Table 3. Major Players of Purity 4N Table 4. Major Players of Purity 5N Table 5. Major Players of Others Table 6. Global High-Purity Gallium Nitride Powder Sales by Type (2017-2022) & (Tons) Table 7. Global High-Purity Gallium Nitride Powder Sales Market Share by Type (2017 - 2022)Table 8. Global High-Purity Gallium Nitride Powder Revenue by Type (2017-2022) & (\$ million) Table 9. Global High-Purity Gallium Nitride Powder Revenue Market Share by Type (2017 - 2022)Table 10. Global High-Purity Gallium Nitride Powder Sale Price by Type (2017-2022) & (US\$/Kg)Table 11. Global High-Purity Gallium Nitride Powder Sales by Application (2017-2022) & (Tons) Table 12. Global High-Purity Gallium Nitride Powder Sales Market Share by Application (2017 - 2022)Table 13. Global High-Purity Gallium Nitride Powder Revenue by Application (2017 - 2022)Table 14. Global High-Purity Gallium Nitride Powder Revenue Market Share by Application (2017-2022) Table 15. Global High-Purity Gallium Nitride Powder Sale Price by Application (2017-2022) & (US\$/Kg) Table 16. Global High-Purity Gallium Nitride Powder Sales by Company (2020-2022) & (Tons) Table 17. Global High-Purity Gallium Nitride Powder Sales Market Share by Company (2020-2022)Table 18. Global High-Purity Gallium Nitride Powder Revenue by Company (2020-2022) (\$ Millions) Table 19. Global High-Purity Gallium Nitride Powder Revenue Market Share by Company (2020-2022) Table 20. Global High-Purity Gallium Nitride Powder Sale Price by Company



(2020-2022) & (US\$/Kg)

Table 21. Key Manufacturers High-Purity Gallium Nitride Powder Producing Area Distribution and Sales Area Table 22. Players High-Purity Gallium Nitride Powder Products Offered Table 23. High-Purity Gallium Nitride Powder Concentration Ratio (CR3, CR5 and CR10) & (2020-2022) Table 24. New Products and Potential Entrants Table 25. Mergers & Acquisitions, Expansion Table 26. Global High-Purity Gallium Nitride Powder Sales by Geographic Region (2017-2022) & (Tons) Table 27. Global High-Purity Gallium Nitride Powder Sales Market Share Geographic Region (2017-2022) Table 28. Global High-Purity Gallium Nitride Powder Revenue by Geographic Region (2017-2022) & (\$ millions) Table 29. Global High-Purity Gallium Nitride Powder Revenue Market Share by Geographic Region (2017-2022) Table 30. Global High-Purity Gallium Nitride Powder Sales by Country/Region (2017-2022) & (Tons) Table 31. Global High-Purity Gallium Nitride Powder Sales Market Share by Country/Region (2017-2022) Table 32. Global High-Purity Gallium Nitride Powder Revenue by Country/Region (2017-2022) & (\$ millions) Table 33. Global High-Purity Gallium Nitride Powder Revenue Market Share by Country/Region (2017-2022) Table 34. Americas High-Purity Gallium Nitride Powder Sales by Country (2017-2022) & (Tons) Table 35. Americas High-Purity Gallium Nitride Powder Sales Market Share by Country (2017 - 2022)Table 36. Americas High-Purity Gallium Nitride Powder Revenue by Country (2017-2022) & (\$ Millions) Table 37. Americas High-Purity Gallium Nitride Powder Revenue Market Share by Country (2017-2022) Table 38. Americas High-Purity Gallium Nitride Powder Sales by Type (2017-2022) & (Tons) Table 39. Americas High-Purity Gallium Nitride Powder Sales Market Share by Type (2017 - 2022)Table 40. Americas High-Purity Gallium Nitride Powder Sales by Application

(2017-2022) & (Tons)

Table 41. Americas High-Purity Gallium Nitride Powder Sales Market Share by



Application (2017-2022) Table 42. APAC High-Purity Gallium Nitride Powder Sales by Region (2017-2022) & (Tons) Table 43. APAC High-Purity Gallium Nitride Powder Sales Market Share by Region (2017 - 2022)Table 44. APAC High-Purity Gallium Nitride Powder Revenue by Region (2017-2022) & (\$ Millions) Table 45. APAC High-Purity Gallium Nitride Powder Revenue Market Share by Region (2017 - 2022)Table 46. APAC High-Purity Gallium Nitride Powder Sales by Type (2017-2022) & (Tons) Table 47. APAC High-Purity Gallium Nitride Powder Sales Market Share by Type (2017 - 2022)Table 48. APAC High-Purity Gallium Nitride Powder Sales by Application (2017-2022) & (Tons) Table 49. APAC High-Purity Gallium Nitride Powder Sales Market Share by Application (2017 - 2022)Table 50. Europe High-Purity Gallium Nitride Powder Sales by Country (2017-2022) & (Tons) Table 51. Europe High-Purity Gallium Nitride Powder Sales Market Share by Country (2017 - 2022)Table 52. Europe High-Purity Gallium Nitride Powder Revenue by Country (2017-2022) & (\$ Millions) Table 53. Europe High-Purity Gallium Nitride Powder Revenue Market Share by Country (2017-2022) Table 54. Europe High-Purity Gallium Nitride Powder Sales by Type (2017-2022) & (Tons) Table 55. Europe High-Purity Gallium Nitride Powder Sales Market Share by Type (2017 - 2022)Table 56. Europe High-Purity Gallium Nitride Powder Sales by Application (2017-2022) & (Tons) Table 57. Europe High-Purity Gallium Nitride Powder Sales Market Share by Application (2017 - 2022)Table 58. Middle East & Africa High-Purity Gallium Nitride Powder Sales by Country (2017-2022) & (Tons) Table 59. Middle East & Africa High-Purity Gallium Nitride Powder Sales Market Share by Country (2017-2022) Table 60. Middle East & Africa High-Purity Gallium Nitride Powder Revenue by Country (2017-2022) & (\$ Millions)



Table 61. Middle East & Africa High-Purity Gallium Nitride Powder Revenue Market Share by Country (2017-2022)

Table 62. Middle East & Africa High-Purity Gallium Nitride Powder Sales by Type (2017-2022) & (Tons)

Table 63. Middle East & Africa High-Purity Gallium Nitride Powder Sales Market Share by Type (2017-2022)

Table 64. Middle East & Africa High-Purity Gallium Nitride Powder Sales by Application (2017-2022) & (Tons)

Table 65. Middle East & Africa High-Purity Gallium Nitride Powder Sales Market Share by Application (2017-2022)

Table 66. Key Market Drivers & Growth Opportunities of High-Purity Gallium Nitride Powder

 Table 67. Key Market Challenges & Risks of High-Purity Gallium Nitride Powder

Table 68. Key Industry Trends of High-Purity Gallium Nitride Powder

Table 69. High-Purity Gallium Nitride Powder Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. High-Purity Gallium Nitride Powder Distributors List

Table 72. High-Purity Gallium Nitride Powder Customer List

Table 73. Global High-Purity Gallium Nitride Powder Sales Forecast by Region (2023-2028) & (Tons)

Table 74. Global High-Purity Gallium Nitride Powder Sales Market Forecast by Region Table 75. Global High-Purity Gallium Nitride Powder Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 76. Global High-Purity Gallium Nitride Powder Revenue Market Share Forecast by Region (2023-2028)

Table 77. Americas High-Purity Gallium Nitride Powder Sales Forecast by Country (2023-2028) & (Tons)

Table 78. Americas High-Purity Gallium Nitride Powder Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 79. APAC High-Purity Gallium Nitride Powder Sales Forecast by Region (2023-2028) & (Tons)

Table 80. APAC High-Purity Gallium Nitride Powder Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 81. Europe High-Purity Gallium Nitride Powder Sales Forecast by Country (2023-2028) & (Tons)

Table 82. Europe High-Purity Gallium Nitride Powder Revenue Forecast by Country(2023-2028) & (\$ millions)

Table 83. Middle East & Africa High-Purity Gallium Nitride Powder Sales Forecast by Country (2023-2028) & (Tons)



Table 84. Middle East & Africa High-Purity Gallium Nitride Powder Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 85. Global High-Purity Gallium Nitride Powder Sales Forecast by Type (2023-2028) & (Tons)

Table 86. Global High-Purity Gallium Nitride Powder Sales Market Share Forecast by Type (2023-2028)

Table 87. Global High-Purity Gallium Nitride Powder Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 88. Global High-Purity Gallium Nitride Powder Revenue Market Share Forecast by Type (2023-2028)

Table 89. Global High-Purity Gallium Nitride Powder Sales Forecast by Application (2023-2028) & (Tons)

Table 90. Global High-Purity Gallium Nitride Powder Sales Market Share Forecast by Application (2023-2028)

Table 91. Global High-Purity Gallium Nitride Powder Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 92. Global High-Purity Gallium Nitride Powder Revenue Market Share Forecast by Application (2023-2028)

Table 93. Stanford Advanced Materials Basic Information, High-Purity Gallium NitridePowder Manufacturing Base, Sales Area and Its Competitors

Table 94. Stanford Advanced Materials High-Purity Gallium Nitride Powder Product Offered

 Table 95. Stanford Advanced Materials High-Purity Gallium Nitride Powder Sales

(Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 96. Stanford Advanced Materials Main Business

Table 97. Stanford Advanced Materials Latest Developments

Table 98. Nippon Rare Metal Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors

 Table 99. Nippon Rare Metal High-Purity Gallium Nitride Powder Product Offered

Table 100. Nippon Rare Metal High-Purity Gallium Nitride Powder Sales (Tons),

Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 101. Nippon Rare Metal Main Business

Table 102. Nippon Rare Metal Latest Developments

Table 103. Tanki New Materials Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors

Table 104. Tanki New Materials High-Purity Gallium Nitride Powder Product Offered

Table 105. Tanki New Materials High-Purity Gallium Nitride Powder Sales (Tons),

Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 106. Tanki New Materials Main Business



Table 107. Tanki New Materials Latest Developments Table 108. NC Element Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors Table 109. NC Element High-Purity Gallium Nitride Powder Product Offered Table 110. NC Element High-Purity Gallium Nitride Powder Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022) Table 111. NC Element Main Business Table 112. NC Element Latest Developments Table 113. KRD Materials Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors Table 114. KRD Materials High-Purity Gallium Nitride Powder Product Offered Table 115. KRD Materials High-Purity Gallium Nitride Powder Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022) Table 116. KRD Materials Main Business Table 117. KRD Materials Latest Developments Table 118. XI'AN FUNCTION MATERIAL GROUP Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors Table 119. XI'AN FUNCTION MATERIAL GROUP High-Purity Gallium Nitride Powder Product Offered Table 120. XI'AN FUNCTION MATERIAL GROUP High-Purity Gallium Nitride Powder Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022) Table 121. XI'AN FUNCTION MATERIAL GROUP Main Business Table 122. XI'AN FUNCTION MATERIAL GROUP Latest Developments Table 123. Luoyang Tongrun Nano Technology Basic Information, High-Purity Gallium Nitride Powder Manufacturing Base, Sales Area and Its Competitors Table 124. Luoyang Tongrun Nano Technology High-Purity Gallium Nitride Powder Product Offered Table 125. Luoyang Tongrun Nano Technology High-Purity Gallium Nitride Powder Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022) Table 126. Luoyang Tongrun Nano Technology Main Business Table 127. Luoyang Tongrun Nano Technology Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of High-Purity Gallium Nitride Powder
- Figure 2. High-Purity Gallium Nitride Powder Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High-Purity Gallium Nitride Powder Sales Growth Rate 2017-2028 (Tons)

Figure 7. Global High-Purity Gallium Nitride Powder Revenue Growth Rate 2017-2028 (\$ Millions)

Figure 8. High-Purity Gallium Nitride Powder Sales by Region (2021 & 2028) & (\$ millions)

- Figure 9. Product Picture of Purity 4N
- Figure 10. Product Picture of Purity 5N
- Figure 11. Product Picture of Others

Figure 12. Global High-Purity Gallium Nitride Powder Sales Market Share by Type in 2021

Figure 13. Global High-Purity Gallium Nitride Powder Revenue Market Share by Type (2017-2022)

Figure 14. High-Purity Gallium Nitride Powder Consumed in Semiconductor Material Figure 15. Global High-Purity Gallium Nitride Powder Market: Semiconductor Material (2017-2022) & (Tons)

Figure 16. High-Purity Gallium Nitride Powder Consumed in Phosphor Raw Materials Figure 17. Global High-Purity Gallium Nitride Powder Market: Phosphor Raw Materials (2017-2022) & (Tons)

Figure 18. High-Purity Gallium Nitride Powder Consumed in Others

Figure 19. Global High-Purity Gallium Nitride Powder Market: Others (2017-2022) & (Tons)

Figure 20. Global High-Purity Gallium Nitride Powder Sales Market Share by Application (2017-2022)

Figure 21. Global High-Purity Gallium Nitride Powder Revenue Market Share by Application in 2021

Figure 22. High-Purity Gallium Nitride Powder Revenue Market by Company in 2021 (\$ Million)

Figure 23. Global High-Purity Gallium Nitride Powder Revenue Market Share by Company in 2021



Figure 24. Global High-Purity Gallium Nitride Powder Sales Market Share by Geographic Region (2017-2022)

Figure 25. Global High-Purity Gallium Nitride Powder Revenue Market Share by Geographic Region in 2021

Figure 26. Global High-Purity Gallium Nitride Powder Sales Market Share by Region (2017-2022)

Figure 27. Global High-Purity Gallium Nitride Powder Revenue Market Share by Country/Region in 2021

Figure 28. Americas High-Purity Gallium Nitride Powder Sales 2017-2022 (Tons)

Figure 29. Americas High-Purity Gallium Nitride Powder Revenue 2017-2022 (\$ Millions)

Figure 30. APAC High-Purity Gallium Nitride Powder Sales 2017-2022 (Tons)

Figure 31. APAC High-Purity Gallium Nitride Powder Revenue 2017-2022 (\$ Millions)

Figure 32. Europe High-Purity Gallium Nitride Powder Sales 2017-2022 (Tons)

Figure 33. Europe High-Purity Gallium Nitride Powder Revenue 2017-2022 (\$ Millions)

Figure 34. Middle East & Africa High-Purity Gallium Nitride Powder Sales 2017-2022 (Tons)

Figure 35. Middle East & Africa High-Purity Gallium Nitride Powder Revenue 2017-2022 (\$ Millions)

Figure 36. Americas High-Purity Gallium Nitride Powder Sales Market Share by Country in 2021

Figure 37. Americas High-Purity Gallium Nitride Powder Revenue Market Share by Country in 2021

Figure 38. United States High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)

Figure 39. Canada High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)

Figure 40. Mexico High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)

Figure 41. Brazil High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)

Figure 42. APAC High-Purity Gallium Nitride Powder Sales Market Share by Region in 2021

Figure 43. APAC High-Purity Gallium Nitride Powder Revenue Market Share by Regions in 2021

Figure 44. China High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)

Figure 45. Japan High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions)



Figure 46. South Korea High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 47. Southeast Asia High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 48. India High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 49. Australia High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 50. Europe High-Purity Gallium Nitride Powder Sales Market Share by Country in 2021 Figure 51. Europe High-Purity Gallium Nitride Powder Revenue Market Share by Country in 2021 Figure 52. Germany High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 53. France High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 54. UK High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 55. Italy High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 56. Russia High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 57. Middle East & Africa High-Purity Gallium Nitride Powder Sales Market Share by Country in 2021 Figure 58. Middle East & Africa High-Purity Gallium Nitride Powder Revenue Market Share by Country in 2021 Figure 59. Egypt High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 60. South Africa High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 61. Israel High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 62. Turkey High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 63. GCC Country High-Purity Gallium Nitride Powder Revenue Growth 2017-2022 (\$ Millions) Figure 64. Manufacturing Cost Structure Analysis of High-Purity Gallium Nitride Powder in 2021 Figure 65. Manufacturing Process Analysis of High-Purity Gallium Nitride Powder



Figure 66. Industry Chain Structure of High-Purity Gallium Nitride Powder

Figure 67. Channels of Distribution

Figure 68. Distributors Profiles



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