

Global Aluminium Nitride Single Crystal Substrate Market Growth 2025-2031

<https://marketpublishers.com/r/G3D5E27E2467EN.html>

Date: November 2025

Pages: 79

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

ID: G3D5E27E2467EN

Abstracts

The global Aluminium Nitride Single Crystal Substrate market size is predicted to grow from US\$ 14.1 million in 2025 to US\$ 69.4 million in 2031; it is expected to grow at a CAGR of 30.4% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Aluminum nitride (AlN) is a fourth-generation semiconductor material with a bandgap of up to 6.2eV, which makes AlN an ideal material for preparing optoelectronic devices such as UV LEDs. Its high performance is mainly reflected in high breakdown field strength, high saturated electron drift rate, high thermal stability, high thermal conductivity, and radiation resistance.

Aluminum nitride (AlN) single crystal substrate is a wide bandgap semiconductor material with special properties, and its preparation method is mainly the PVT method. At present, due to some problems of aluminum nitride single crystal itself, such as cost and size, the commercialization process is limited. However, its high thermal conductivity, thermal stability and other properties make aluminum nitride substrate have broad application prospects in semiconductor devices, lasers and other fields.

At present, the core companies of aluminum nitride single crystal substrates in the world are mainly Ultratrend Technologie, HexaTech, Crystal IS (Asahi Kasei) and Nitride Crystals. Among them, the Chinese company Ultratrend Technologie released a 2-inch aluminum nitride single crystal substrate in 2021 and prepared a 3-inch substrate sample at the end of 2022. The aluminum nitride single crystal substrate market is

highly concentrated. Due to factors such as cost, demand, and technology, the market size of aluminum nitride single crystal substrates is not very large, and there are very few companies that can develop large sizes (4 inches), and the products are mainly concentrated in 2 inches.

LP Information, Inc. (LPI) ' newest research report, the “Aluminium Nitride Single Crystal Substrate Industry Forecast” looks at past sales and reviews total world Aluminium Nitride Single Crystal Substrate sales in 2024, providing a comprehensive analysis by region and market sector of projected Aluminium Nitride Single Crystal Substrate sales for 2025 through 2031. With Aluminium Nitride Single Crystal Substrate sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Aluminium Nitride Single Crystal Substrate industry.

This Insight Report provides a comprehensive analysis of the global Aluminium Nitride Single Crystal Substrate landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Aluminium Nitride Single Crystal Substrate portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Aluminium Nitride Single Crystal Substrate market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Aluminium Nitride Single Crystal Substrate and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Aluminium Nitride Single Crystal Substrate.

This report presents a comprehensive overview, market shares, and growth opportunities of Aluminium Nitride Single Crystal Substrate market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

1 Inch

2 Inch

Others

Segmentation by Application:

RF Device

Power Device

Laser Diode

Others

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Ultratrend Technologies Inc

HexaTech

Crystal IS (Asahi Kasei)

Nitride Crystals

Key Questions Addressed in this Report

What is the 10-year outlook for the global Aluminium Nitride Single Crystal Substrate market?

What factors are driving Aluminium Nitride Single Crystal Substrate market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Aluminium Nitride Single Crystal Substrate market opportunities vary by end market size?

How does Aluminium Nitride Single Crystal Substrate break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Aluminium Nitride Single Crystal Substrate Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Aluminium Nitride Single Crystal Substrate by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Aluminium Nitride Single Crystal Substrate by Country/Region, 2020, 2024 & 2031

2.2 Aluminium Nitride Single Crystal Substrate Segment by Type

- 2.2.1 1 Inch
- 2.2.2 2 Inch
- 2.2.3 Others

2.3 Aluminium Nitride Single Crystal Substrate Sales by Type

- 2.3.1 Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)
- 2.3.2 Global Aluminium Nitride Single Crystal Substrate Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Aluminium Nitride Single Crystal Substrate Sale Price by Type (2020-2025)

2.4 Aluminium Nitride Single Crystal Substrate Segment by Application

- 2.4.1 RF Device
- 2.4.2 Power Device
- 2.4.3 Laser Diode
- 2.4.4 Others

2.5 Aluminium Nitride Single Crystal Substrate Sales by Application

- 2.5.1 Global Aluminium Nitride Single Crystal Substrate Sale Market Share by

Application (2020-2025)

2.5.2 Global Aluminium Nitride Single Crystal Substrate Revenue and Market Share by Application (2020-2025)

2.5.3 Global Aluminium Nitride Single Crystal Substrate Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Aluminium Nitride Single Crystal Substrate Breakdown Data by Company

3.1.1 Global Aluminium Nitride Single Crystal Substrate Annual Sales by Company (2020-2025)

3.1.2 Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Company (2020-2025)

3.2 Global Aluminium Nitride Single Crystal Substrate Annual Revenue by Company (2020-2025)

3.2.1 Global Aluminium Nitride Single Crystal Substrate Revenue by Company (2020-2025)

3.2.2 Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Company (2020-2025)

3.3 Global Aluminium Nitride Single Crystal Substrate Sale Price by Company

3.4 Key Manufacturers Aluminium Nitride Single Crystal Substrate Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Aluminium Nitride Single Crystal Substrate Product Location Distribution

3.4.2 Players Aluminium Nitride Single Crystal Substrate Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ALUMINIUM NITRIDE SINGLE CRYSTAL SUBSTRATE BY GEOGRAPHIC REGION

4.1 World Historic Aluminium Nitride Single Crystal Substrate Market Size by Geographic Region (2020-2025)

4.1.1 Global Aluminium Nitride Single Crystal Substrate Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Aluminium Nitride Single Crystal Substrate Annual Revenue by

Geographic Region (2020-2025)

4.2 World Historic Aluminium Nitride Single Crystal Substrate Market Size by Country/Region (2020-2025)

4.2.1 Global Aluminium Nitride Single Crystal Substrate Annual Sales by Country/Region (2020-2025)

4.2.2 Global Aluminium Nitride Single Crystal Substrate Annual Revenue by Country/Region (2020-2025)

4.3 Americas Aluminium Nitride Single Crystal Substrate Sales Growth

4.4 APAC Aluminium Nitride Single Crystal Substrate Sales Growth

4.5 Europe Aluminium Nitride Single Crystal Substrate Sales Growth

4.6 Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales Growth

5 AMERICAS

5.1 Americas Aluminium Nitride Single Crystal Substrate Sales by Country

5.1.1 Americas Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025)

5.1.2 Americas Aluminium Nitride Single Crystal Substrate Revenue by Country (2020-2025)

5.2 Americas Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025)

5.3 Americas Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Aluminium Nitride Single Crystal Substrate Sales by Region

6.1.1 APAC Aluminium Nitride Single Crystal Substrate Sales by Region (2020-2025)

6.1.2 APAC Aluminium Nitride Single Crystal Substrate Revenue by Region (2020-2025)

6.2 APAC Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025)

6.3 APAC Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025)

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 Aluminium Nitride Single Crystal Substrate by Country
 - 7.1.1 Europe Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025)
 - 7.1.2 Europe Aluminium Nitride Single Crystal Substrate Revenue by Country (2020-2025)
- 7.2 Europe Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025)
- 7.3 Europe Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Aluminium Nitride Single Crystal Substrate by Country
 - 8.1.1 Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Aluminium Nitride Single Crystal Substrate Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025)
- 8.3 Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025)
- 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 Aluminium Nitride Single Crystal Substrate
- 10.3 Manufacturing Process Analysis of Aluminium Nitride Single Crystal Substrate
- 10.4 Industry Chain Structure of Aluminium Nitride Single Crystal Substrate

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Aluminium Nitride Single Crystal Substrate Distributors
- 11.3 Aluminium Nitride Single Crystal Substrate Customer

12 WORLD FORECAST REVIEW FOR ALUMINIUM NITRIDE SINGLE CRYSTAL SUBSTRATE BY GEOGRAPHIC REGION

- 12.1 Global Aluminium Nitride Single Crystal Substrate Market Size Forecast by Region
 - 12.1.1 Global Aluminium Nitride Single Crystal Substrate Forecast by Region (2026-2031)
 - 12.1.2 Global Aluminium Nitride Single Crystal Substrate Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Aluminium Nitride Single Crystal Substrate Forecast by Type (2026-2031)
- 12.7 Global Aluminium Nitride Single Crystal Substrate Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Ultratrend Technologies Inc

- 13.1.1 Ultratrend Technologies Inc Company Information
- 13.1.2 Ultratrend Technologies Inc Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications
- 13.1.3 Ultratrend Technologies Inc Aluminium Nitride Single Crystal Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 Ultratrend Technologies Inc Main Business Overview
- 13.1.5 Ultratrend Technologies Inc Latest Developments
- 13.2 HexaTech
 - 13.2.1 HexaTech Company Information
 - 13.2.2 HexaTech Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications
 - 13.2.3 HexaTech Aluminium Nitride Single Crystal Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 HexaTech Main Business Overview
 - 13.2.5 HexaTech Latest Developments
- 13.3 Crystal IS (Asahi Kasei)
 - 13.3.1 Crystal IS (Asahi Kasei) Company Information
 - 13.3.2 Crystal IS (Asahi Kasei) Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications
 - 13.3.3 Crystal IS (Asahi Kasei) Aluminium Nitride Single Crystal Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 Crystal IS (Asahi Kasei) Main Business Overview
 - 13.3.5 Crystal IS (Asahi Kasei) Latest Developments
- 13.4 Nitride Crystals
 - 13.4.1 Nitride Crystals Company Information
 - 13.4.2 Nitride Crystals Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications
 - 13.4.3 Nitride Crystals Aluminium Nitride Single Crystal Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 Nitride Crystals Main Business Overview
 - 13.4.5 Nitride Crystals Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Aluminium Nitride Single Crystal Substrate Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Aluminium Nitride Single Crystal Substrate Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of 1 Inch

Table 4. Major Players of 2 Inch

Table 5. Major Players of Others

Table 6. Global Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025) & (Pcs)

Table 7. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)

Table 8. Global Aluminium Nitride Single Crystal Substrate Revenue by Type (2020-2025) & (\$ million)

Table 9. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Type (2020-2025)

Table 10. Global Aluminium Nitride Single Crystal Substrate Sale Price by Type (2020-2025) & (USD/Pcs)

Table 11. Global Aluminium Nitride Single Crystal Substrate Sale by Application (2020-2025) & (Pcs)

Table 12. Global Aluminium Nitride Single Crystal Substrate Sale Market Share by Application (2020-2025)

Table 13. Global Aluminium Nitride Single Crystal Substrate Revenue by Application (2020-2025) & (\$ million)

Table 14. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Application (2020-2025)

Table 15. Global Aluminium Nitride Single Crystal Substrate Sale Price by Application (2020-2025) & (USD/Pcs)

Table 16. Global Aluminium Nitride Single Crystal Substrate Sales by Company (2020-2025) & (Pcs)

Table 17. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Company (2020-2025)

Table 18. Global Aluminium Nitride Single Crystal Substrate Revenue by Company (2020-2025) & (\$ millions)

Table 19. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Company (2020-2025)

Table 20. Global Aluminium Nitride Single Crystal Substrate Sale Price by Company (2020-2025) & (USD/Pcs)

Table 21. Key Manufacturers Aluminium Nitride Single Crystal Substrate Producing Area Distribution and Sales Area

Table 22. Players Aluminium Nitride Single Crystal Substrate Products Offered

Table 23. Aluminium Nitride Single Crystal Substrate Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Aluminium Nitride Single Crystal Substrate Sales by Geographic Region (2020-2025) & (Pcs)

Table 27. Global Aluminium Nitride Single Crystal Substrate Sales Market Share Geographic Region (2020-2025)

Table 28. Global Aluminium Nitride Single Crystal Substrate Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global Aluminium Nitride Single Crystal Substrate Sales by Country/Region (2020-2025) & (Pcs)

Table 31. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Country/Region (2020-2025)

Table 32. Global Aluminium Nitride Single Crystal Substrate Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025) & (Pcs)

Table 35. Americas Aluminium Nitride Single Crystal Substrate Sales Market Share by Country (2020-2025)

Table 36. Americas Aluminium Nitride Single Crystal Substrate Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025) & (Pcs)

Table 38. Americas Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025) & (Pcs)

Table 39. APAC Aluminium Nitride Single Crystal Substrate Sales by Region (2020-2025) & (Pcs)

Table 40. APAC Aluminium Nitride Single Crystal Substrate Sales Market Share by Region (2020-2025)

Table 41. APAC Aluminium Nitride Single Crystal Substrate Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025) & (Pcs)

Table 43. APAC Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025) & (Pcs)

Table 44. Europe Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025) & (Pcs)

Table 45. Europe Aluminium Nitride Single Crystal Substrate Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025) & (Pcs)

Table 47. Europe Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025) & (Pcs)

Table 48. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Country (2020-2025) & (Pcs)

Table 49. Middle East & Africa Aluminium Nitride Single Crystal Substrate Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Type (2020-2025) & (Pcs)

Table 51. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales by Application (2020-2025) & (Pcs)

Table 52. Key Market Drivers & Growth Opportunities of Aluminium Nitride Single Crystal Substrate

Table 53. Key Market Challenges & Risks of Aluminium Nitride Single Crystal Substrate

Table 54. Key Industry Trends of Aluminium Nitride Single Crystal Substrate

Table 55. Aluminium Nitride Single Crystal Substrate Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Aluminium Nitride Single Crystal Substrate Distributors List

Table 58. Aluminium Nitride Single Crystal Substrate Customer List

Table 59. Global Aluminium Nitride Single Crystal Substrate Sales Forecast by Region (2026-2031) & (Pcs)

Table 60. Global Aluminium Nitride Single Crystal Substrate Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 61. Americas Aluminium Nitride Single Crystal Substrate Sales Forecast by Country (2026-2031) & (Pcs)

Table 62. Americas Aluminium Nitride Single Crystal Substrate Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 63. APAC Aluminium Nitride Single Crystal Substrate Sales Forecast by Region

(2026-2031) & (Pcs)

Table 64. APAC Aluminium Nitride Single Crystal Substrate Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Europe Aluminium Nitride Single Crystal Substrate Sales Forecast by Country (2026-2031) & (Pcs)

Table 66. Europe Aluminium Nitride Single Crystal Substrate Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales Forecast by Country (2026-2031) & (Pcs)

Table 68. Middle East & Africa Aluminium Nitride Single Crystal Substrate Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Global Aluminium Nitride Single Crystal Substrate Sales Forecast by Type (2026-2031) & (Pcs)

Table 70. Global Aluminium Nitride Single Crystal Substrate Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 71. Global Aluminium Nitride Single Crystal Substrate Sales Forecast by Application (2026-2031) & (Pcs)

Table 72. Global Aluminium Nitride Single Crystal Substrate Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 73. Ultratrend Technologies Inc Basic Information, Aluminium Nitride Single Crystal Substrate Manufacturing Base, Sales Area and Its Competitors

Table 74. Ultratrend Technologies Inc Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications

Table 75. Ultratrend Technologies Inc Aluminium Nitride Single Crystal Substrate Sales (Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2020-2025)

Table 76. Ultratrend Technologies Inc Main Business

Table 77. Ultratrend Technologies Inc Latest Developments

Table 78. HexaTech Basic Information, Aluminium Nitride Single Crystal Substrate Manufacturing Base, Sales Area and Its Competitors

Table 79. HexaTech Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications

Table 80. HexaTech Aluminium Nitride Single Crystal Substrate Sales (Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2020-2025)

Table 81. HexaTech Main Business

Table 82. HexaTech Latest Developments

Table 83. Crystal IS (Asahi Kasei) Basic Information, Aluminium Nitride Single Crystal Substrate Manufacturing Base, Sales Area and Its Competitors

Table 84. Crystal IS (Asahi Kasei) Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications

Table 85. Crystal IS (Asahi Kasei) Aluminium Nitride Single Crystal Substrate Sales (Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2020-2025)

Table 86. Crystal IS (Asahi Kasei) Main Business

Table 87. Crystal IS (Asahi Kasei) Latest Developments

Table 88. Nitride Crystals Basic Information, Aluminium Nitride Single Crystal Substrate Manufacturing Base, Sales Area and Its Competitors

Table 89. Nitride Crystals Aluminium Nitride Single Crystal Substrate Product Portfolios and Specifications

Table 90. Nitride Crystals Aluminium Nitride Single Crystal Substrate Sales (Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2020-2025)

Table 91. Nitride Crystals Main Business

Table 92. Nitride Crystals Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Aluminium Nitride Single Crystal Substrate

Figure 2. Aluminium Nitride Single Crystal Substrate Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Aluminium Nitride Single Crystal Substrate Sales Growth Rate 2020-2031 (Pcs)

Figure 7. Global Aluminium Nitride Single Crystal Substrate Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Aluminium Nitride Single Crystal Substrate Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Aluminium Nitride Single Crystal Substrate Sales Market Share by Country/Region (2024)

Figure 10. Aluminium Nitride Single Crystal Substrate Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of 1 Inch

Figure 12. Product Picture of 2 Inch

Figure 13. Product Picture of Others

Figure 14. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Type in 2025

Figure 15. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Type (2020-2025)

Figure 16. Aluminium Nitride Single Crystal Substrate Consumed in RF Device

Figure 17. Global Aluminium Nitride Single Crystal Substrate Market: RF Device (2020-2025) & (Pcs)

Figure 18. Aluminium Nitride Single Crystal Substrate Consumed in Power Device

Figure 19. Global Aluminium Nitride Single Crystal Substrate Market: Power Device (2020-2025) & (Pcs)

Figure 20. Aluminium Nitride Single Crystal Substrate Consumed in Laser Diode

Figure 21. Global Aluminium Nitride Single Crystal Substrate Market: Laser Diode (2020-2025) & (Pcs)

Figure 22. Aluminium Nitride Single Crystal Substrate Consumed in Others

Figure 23. Global Aluminium Nitride Single Crystal Substrate Market: Others (2020-2025) & (Pcs)

Figure 24. Global Aluminium Nitride Single Crystal Substrate Sale Market Share by

Application (2024)

Figure 25. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Application in 2025

Figure 26. Aluminium Nitride Single Crystal Substrate Sales by Company in 2025 (Pcs)

Figure 27. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Company in 2025

Figure 28. Aluminium Nitride Single Crystal Substrate Revenue by Company in 2025 (\$ millions)

Figure 29. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Company in 2025

Figure 30. Global Aluminium Nitride Single Crystal Substrate Sales Market Share by Geographic Region (2020-2025)

Figure 31. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share by Geographic Region in 2025

Figure 32. Americas Aluminium Nitride Single Crystal Substrate Sales 2020-2025 (Pcs)

Figure 33. Americas Aluminium Nitride Single Crystal Substrate Revenue 2020-2025 (\$ millions)

Figure 34. APAC Aluminium Nitride Single Crystal Substrate Sales 2020-2025 (Pcs)

Figure 35. APAC Aluminium Nitride Single Crystal Substrate Revenue 2020-2025 (\$ millions)

Figure 36. Europe Aluminium Nitride Single Crystal Substrate Sales 2020-2025 (Pcs)

Figure 37. Europe Aluminium Nitride Single Crystal Substrate Revenue 2020-2025 (\$ millions)

Figure 38. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales 2020-2025 (Pcs)

Figure 39. Middle East & Africa Aluminium Nitride Single Crystal Substrate Revenue 2020-2025 (\$ millions)

Figure 40. Americas Aluminium Nitride Single Crystal Substrate Sales Market Share by Country in 2025

Figure 41. Americas Aluminium Nitride Single Crystal Substrate Revenue Market Share by Country (2020-2025)

Figure 42. Americas Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)

Figure 43. Americas Aluminium Nitride Single Crystal Substrate Sales Market Share by Application (2020-2025)

Figure 44. United States Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 45. Canada Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 46. Mexico Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 47. Brazil Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 48. APAC Aluminium Nitride Single Crystal Substrate Sales Market Share by Region in 2025

Figure 49. APAC Aluminium Nitride Single Crystal Substrate Revenue Market Share by Region (2020-2025)

Figure 50. APAC Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)

Figure 51. APAC Aluminium Nitride Single Crystal Substrate Sales Market Share by Application (2020-2025)

Figure 52. China Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 53. Japan Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 54. South Korea Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 55. Southeast Asia Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 56. India Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 57. Australia Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 58. China Taiwan Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 59. Europe Aluminium Nitride Single Crystal Substrate Sales Market Share by Country in 2025

Figure 60. Europe Aluminium Nitride Single Crystal Substrate Revenue Market Share by Country (2020-2025)

Figure 61. Europe Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)

Figure 62. Europe Aluminium Nitride Single Crystal Substrate Sales Market Share by Application (2020-2025)

Figure 63. Germany Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 64. France Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 65. UK Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025

(\$ millions)

Figure 66. Italy Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025

(\$ millions)

Figure 67. Russia Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 68. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales Market Share by Country (2020-2025)

Figure 69. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales Market Share by Type (2020-2025)

Figure 70. Middle East & Africa Aluminium Nitride Single Crystal Substrate Sales Market Share by Application (2020-2025)

Figure 71. Egypt Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 72. South Africa Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 73. Israel Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 74. Turkey Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 75. GCC Countries Aluminium Nitride Single Crystal Substrate Revenue Growth 2020-2025 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Aluminium Nitride Single Crystal Substrate in 2025

Figure 77. Manufacturing Process Analysis of Aluminium Nitride Single Crystal Substrate

Figure 78. Industry Chain Structure of Aluminium Nitride Single Crystal Substrate

Figure 79. Channels of Distribution

Figure 80. Global Aluminium Nitride Single Crystal Substrate Sales Market Forecast by Region (2026-2031)

Figure 81. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share Forecast by Region (2026-2031)

Figure 82. Global Aluminium Nitride Single Crystal Substrate Sales Market Share Forecast by Type (2026-2031)

Figure 83. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share Forecast by Type (2026-2031)

Figure 84. Global Aluminium Nitride Single Crystal Substrate Sales Market Share Forecast by Application (2026-2031)

Figure 85. Global Aluminium Nitride Single Crystal Substrate Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global Aluminium Nitride Single Crystal Substrate Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G3D5E27E2467EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3D5E27E2467EN.html>