

Aluminum Nitride Substrate Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/AC256D5CB6ACEN.html>

Date: January 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: AC256D5CB6ACEN

Abstracts

Get it in 2 to 4 weeks by ordering today

Aluminum Nitride Substrate Trends and Forecast

The future of the global aluminum nitride substrate market looks promising with opportunities in the IGBT module & automotive, LED, optical communication and laser, and aerospace & military applications. The global aluminum nitride substrate market is expected to reach an estimated \$129.5 million by 2030 with a CAGR of 7.8% from 2024 to 2030. The major drivers for this market are growing demand for high-performance electronic devices and increasing adoption of aluminum nitride substrates in the aerospace and automotive industries.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Aluminum Nitride Substrate by Segment

The study includes a forecast for the global aluminum nitride substrate by thermal conductivity, application, and region.

Aluminum Nitride Substrate Market by Thermal Conductivity [Shipment Analysis by Value from 2018 to 2030]:

AIN-170

AIN-200

Others

Aluminum Nitride Substrate Market by Application [Shipment Analysis by Value from 2018 to 2030]:

IGBT Module & Automotive

LED

Optical Communication and Laser

Aerospace & Military

Others

Aluminum Nitride Substrate Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Aluminum Nitride Substrate Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies aluminum nitride substrate companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the aluminum nitride substrate companies profiled in this report include-

Zhejiang Zhengtian New Materials

Maruwa

Toshiba Materials

CeramTec

Denka

Kyocera

CoorsTek

LEATEC Fine Ceramics

Fujian Huaqing Electronic Material Technology

Wuxi Hygood New Technology

Aluminum Nitride Substrate Market Insights

Lucintel forecasts that ain-200 is expected to witness the higher growth over the forecast period.

Within this market, LED is expected to witness the highest growth due to increasing demand for LED lighting in various applications for energy efficiency and environmental concerns.

APAC is expected to witness highest growth over the forecast period due to increasing demand for electronic devices and rapid industrialization in the region.

Features of the Global Aluminum Nitride Substrate Market

Market Size Estimates: Aluminum nitride substrate market size estimation in terms of value (\$M).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030)

by various segments and regions.

Segmentation Analysis: Aluminum nitride substrate market size by thermal conductivity, application, and region in terms of value (\$M).

Regional Analysis: Aluminum nitride substrate market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different thermal conductivities, applications, and regions for the aluminum nitride substrate market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the aluminum nitride substrate market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the aluminum nitride substrate market size?

Answer: The global aluminum nitride substrate market is expected to reach an estimated \$129.5 million by 2030.

Q2. What is the growth forecast for aluminum nitride substrate market?

Answer: The global aluminum nitride substrate market is expected to grow with a CAGR of 7.8% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the aluminum nitride substrate market?

Answer: The major drivers for this market are growing demand for high-performance electronic devices and increasing adoption of aluminum nitride substrates in the aerospace and automotive industries.

Q4. What are the major segments for aluminum nitride substrate market?

Answer: The future of the aluminum nitride substrate market looks promising with opportunities in the IGBT module & automotive, LED, optical communication and laser,

and aerospace & military applications.

Q5. Who are the key aluminum nitride substrate market companies?

Answer: Some of the key aluminum nitride substrate companies are as follows:

Zhejiang Zhengtian New Materials

Maruwa

Toshiba Materials

CeramTec

Denka

Kyocera

CoorsTek

LEATEC Fine Ceramics

Fujian Huaqing Electronic Material Technology

Wuxi Hygood New Technology

Q6. Which aluminum nitride substrate market segment will be the largest in future?

Answer: Lucintel forecasts that ain-200 is expected to witness the higher growth over the forecast period.

Q7. In aluminum nitride substrate market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to increasing demand for electronic devices and rapid industrialization in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the aluminum nitride substrate market by thermal conductivity (AlN-170, AlN-200, and others), application (IGBT module & automotive, LED, optical communication and laser, aerospace & military, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Aluminum Nitride Substrate Market, Aluminum Nitride Substrate Market Size, Aluminum Nitride Substrate Market Growth, Aluminum Nitride Substrate Market Analysis, Aluminum Nitride Substrate Market Report, Aluminum

Nitride Substrate Market Share, Aluminum Nitride Substrate Market Trends, Aluminum Nitride Substrate Market Forecast, Aluminum Nitride Substrate Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL ALUMINUM NITRIDE SUBSTRATE MARKET : MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Aluminum Nitride Substrate Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Aluminum Nitride Substrate Market by Thermal Conductivity

3.3.1: AIN-170

3.3.2: AIN-200

3.3.3: Others

3.4: Global Aluminum Nitride Substrate Market by Application

3.4.1: IGBT Module & Automotive

3.4.2: LED

3.4.3: Optical Communication and Laser

3.4.4: Aerospace & Military

3.4.5: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Aluminum Nitride Substrate Market by Region

4.2: North American Aluminum Nitride Substrate Market

4.2.1: North American Aluminum Nitride Substrate Market by Thermal Conductivity: AIN-170, AIN-200, and Others

4.2.2: North American Aluminum Nitride Substrate Market by Application: IGBT Module & Automotive, LED, Optical Communication and Laser, Aerospace & Military, and Others

4.3: European Aluminum Nitride Substrate Market

4.3.1: European Aluminum Nitride Substrate Market by Thermal Conductivity: AIN-170, AIN-200, and Others

4.3.2: European Aluminum Nitride Substrate Market by Application: IGBT Module & Automotive, LED, Optical Communication and Laser, Aerospace & Military, and Others

4.4: APAC Aluminum Nitride Substrate Market

4.4.1: APAC Aluminum Nitride Substrate Market by Thermal Conductivity: AlN-170, AlN-200, and Others

4.4.2: APAC Aluminum Nitride Substrate Market by Application: IGBT Module & Automotive, LED, Optical Communication and Laser, Aerospace & Military, and Others

4.5: ROW Aluminum Nitride Substrate Market

4.5.1: ROW Aluminum Nitride Substrate Market by Thermal Conductivity: AlN-170, AlN-200, and Others

4.5.2: ROW Aluminum Nitride Substrate Market by Application: IGBT Module & Automotive, LED, Optical Communication and Laser, Aerospace & Military, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Aluminum Nitride Substrate Market by Thermal Conductivity

6.1.2: Growth Opportunities for the Global Aluminum Nitride Substrate Market by Application

6.1.3: Growth Opportunities for the Global Aluminum Nitride Substrate Market by Region

6.2: Emerging Trends in the Global Aluminum Nitride Substrate Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Aluminum Nitride Substrate Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Aluminum Nitride Substrate Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: Zhejiang Zhengtian New Materials

- 7.2: Maruwa
- 7.3: Toshiba Materials
- 7.4: CeramTec
- 7.5: Denka
- 7.6: Kyocera
- 7.7: CoorsTek
- 7.8: LEATEC Fine Ceramics
- 7.9: Fujian Huaqing Electronic Material Technology
- 7.10: Wuxi Hygood New Technology

I would like to order

Product name: Aluminum Nitride Substrate Market Report: Trends, Forecast and Competitive Analysis to 2030

Product link: <https://marketpublishers.com/r/AC256D5CB6ACEN.html>

Price: US\$ 4,850.00 (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/AC256D5CB6ACEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

