

# Global Aluminum Nitride Ceramic Substrate for 5G Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Aluminum Nitride Ceramic Substrate for 5G market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

The 5G-used aluminum nitride (AlN) Ceramic substrate is an advanced electronic ceramic material designed specifically for 5G communication technology. Composed primarily of aluminum nitride, it boasts an exceptionally high thermal conductivity and a low dielectric constant, effectively supporting the high-frequency and high-speed signal transmission in 5G devices while providing superior heat dissipation performance, ensuring the stable operation and high efficiency of 5G communication systems.

This report is a detailed and comprehensive analysis for global Aluminum Nitride Ceramic Substrate for 5G market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Aluminum Nitride Ceramic Substrate for 5G market size and forecasts, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2020-2031

Global Aluminum Nitride Ceramic Substrate for 5G market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2020-2031

Global Aluminum Nitride Ceramic Substrate for 5G market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2020-2031

Global Aluminum Nitride Ceramic Substrate for 5G market shares of main players, shipments in revenue (\$ Million), sales quantity (Sq m), and ASP (US\$/Sq m), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Aluminum Nitride Ceramic Substrate for 5G
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Aluminum Nitride Ceramic Substrate for 5G market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Vishay, Maruwa, Tecdia, Kyocera, Toshiba Materials (Toshiba), Ferrotec, Denka, Coorstek, Rogers, Heraeus, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Aluminum Nitride Ceramic Substrate for 5G market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Purity 99.5%

99.5% Purity

## Market segment by Application

5G RF Devices

5G Optoelectronic Equipment

Others

## Major players covered

Vishay

Maruwa

Tecdia

Kyocera

Toshiba Materials (Toshiba)

Ferrotec

Denka

Coorstek

Rogers

Heraeus

Cicor

Toyo Precision Parts

Beijing Motech

Tong Hsing Electronics

Ningbo Jiangfeng Electronics Material

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Aluminum Nitride Ceramic Substrate for 5G product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aluminum Nitride Ceramic Substrate for 5G, with price, sales quantity, revenue, and global market share of Aluminum Nitride Ceramic Substrate for 5G from 2020 to 2025.

Chapter 3, the Aluminum Nitride Ceramic Substrate for 5G competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aluminum Nitride Ceramic Substrate for 5G breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Aluminum Nitride Ceramic Substrate for 5G market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aluminum Nitride Ceramic Substrate for 5G.

Chapter 14 and 15, to describe Aluminum Nitride Ceramic Substrate for 5G sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Aluminum Nitride Ceramic Substrate for 5G Consumption  
Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Purity

## List Of Tables

### LIST OF TABLES

Table 1. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Vishay Basic Information, Manufacturing Base and Competitors

Table 4. Vishay Major Business

Table 5. Vishay Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 6. Vishay Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Vishay Recent Developments/Updates

Table 8. Maruwa Basic Information, Manufacturing Base and Competitors

Table 9. Maruwa Major Business

Table 10. Maruwa Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 11. Maruwa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Maruwa Recent Developments/Updates

Table 13. Tecdia Basic Information, Manufacturing Base and Competitors

Table 14. Tecdia Major Business

Table 15. Tecdia Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 16. Tecdia Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Tecdia Recent Developments/Updates

Table 18. Kyocera Basic Information, Manufacturing Base and Competitors

Table 19. Kyocera Major Business

Table 20. Kyocera Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 21. Kyocera Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Kyocera Recent Developments/Updates

Table 23. Toshiba Materials (Toshiba) Basic Information, Manufacturing Base and Competitors

Table 24. Toshiba Materials (Toshiba) Major Business

Table 25. Toshiba Materials (Toshiba) Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 26. Toshiba Materials (Toshiba) Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Toshiba Materials (Toshiba) Recent Developments/Updates

Table 28. Ferrotec Basic Information, Manufacturing Base and Competitors

Table 29. Ferrotec Major Business

Table 30. Ferrotec Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 31. Ferrotec Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Ferrotec Recent Developments/Updates

Table 33. Denka Basic Information, Manufacturing Base and Competitors

Table 34. Denka Major Business

Table 35. Denka Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 36. Denka Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Denka Recent Developments/Updates

Table 38. Coorstek Basic Information, Manufacturing Base and Competitors

Table 39. Coorstek Major Business

Table 40. Coorstek Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 41. Coorstek Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Coorstek Recent Developments/Updates

Table 43. Rogers Basic Information, Manufacturing Base and Competitors

Table 44. Rogers Major Business

Table 45. Rogers Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 46. Rogers Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Rogers Recent Developments/Updates

Table 48. Heraeus Basic Information, Manufacturing Base and Competitors

Table 49. Heraeus Major Business

Table 50. Heraeus Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 51. Heraeus Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share

(2020-2025)

Table 52. Heraeus Recent Developments/Updates

Table 53. Cicor Basic Information, Manufacturing Base and Competitors

Table 54. Cicor Major Business

Table 55. Cicor Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 56. Cicor Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Cicor Recent Developments/Updates

Table 58. Toyo Precision Parts Basic Information, Manufacturing Base and Competitors

Table 59. Toyo Precision Parts Major Business

Table 60. Toyo Precision Parts Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 61. Toyo Precision Parts Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Toyo Precision Parts Recent Developments/Updates

Table 63. Beijing Motech Basic Information, Manufacturing Base and Competitors

Table 64. Beijing Motech Major Business

Table 65. Beijing Motech Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 66. Beijing Motech Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Beijing Motech Recent Developments/Updates

Table 68. Tong Hsing Electronics Basic Information, Manufacturing Base and Competitors

Table 69. Tong Hsing Electronics Major Business

Table 70. Tong Hsing Electronics Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 71. Tong Hsing Electronics Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Tong Hsing Electronics Recent Developments/Updates

Table 73. Ningbo Jiangfeng Electronics Material Basic Information, Manufacturing Base and Competitors

Table 74. Ningbo Jiangfeng Electronics Material Major Business

Table 75. Ningbo Jiangfeng Electronics Material Aluminum Nitride Ceramic Substrate for 5G Product and Services

Table 76. Ningbo Jiangfeng Electronics Material Aluminum Nitride Ceramic Substrate for 5G Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Ningbo Jiangfeng Electronics Material Recent Developments/Updates

Table 78. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Manufacturer (2020-2025) & (Sq m)

Table 79. Global Aluminum Nitride Ceramic Substrate for 5G Revenue by Manufacturer (2020-2025) & (USD Million)

Table 80. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Manufacturer (2020-2025) & (US\$/Sq m)

Table 81. Market Position of Manufacturers in Aluminum Nitride Ceramic Substrate for 5G, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 82. Head Office and Aluminum Nitride Ceramic Substrate for 5G Production Site of Key Manufacturer

Table 83. Aluminum Nitride Ceramic Substrate for 5G Market: Company Product Type Footprint

Table 84. Aluminum Nitride Ceramic Substrate for 5G Market: Company Product Application Footprint

Table 85. Aluminum Nitride Ceramic Substrate for 5G New Market Entrants and Barriers to Market Entry

Table 86. Aluminum Nitride Ceramic Substrate for 5G Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 88. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Region (2020-2025) & (Sq m)

Table 89. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Region (2026-2031) & (Sq m)

Table 90. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Region (2020-2025) & (USD Million)

Table 91. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Region (2026-2031) & (USD Million)

Table 92. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Region (2020-2025) & (US\$/Sq m)

Table 93. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Region (2026-2031) & (US\$/Sq m)

Table 94. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 95. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type

(2026-2031) & (Sq m)

Table 96. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Type (2020-2025) & (USD Million)

Table 97. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Type (2026-2031) & (USD Million)

Table 98. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Type (2020-2025) & (US\$/Sq m)

Table 99. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Type (2026-2031) & (US\$/Sq m)

Table 100. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 101. Global Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 102. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Application (2020-2025) & (USD Million)

Table 103. Global Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Application (2026-2031) & (USD Million)

Table 104. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Application (2020-2025) & (US\$/Sq m)

Table 105. Global Aluminum Nitride Ceramic Substrate for 5G Average Price by Application (2026-2031) & (US\$/Sq m)

Table 106. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 107. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2026-2031) & (Sq m)

Table 108. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 109. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 110. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2020-2025) & (Sq m)

Table 111. North America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2026-2031) & (Sq m)

Table 112. North America Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2020-2025) & (USD Million)

Table 113. North America Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2026-2031) & (USD Million)

Table 114. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 115. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2026-2031) & (Sq m)

Table 116. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 117. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 118. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2020-2025) & (Sq m)

Table 119. Europe Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2026-2031) & (Sq m)

Table 120. Europe Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2020-2025) & (USD Million)

Table 121. Europe Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2026-2031) & (USD Million)

Table 122. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 123. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2026-2031) & (Sq m)

Table 124. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 125. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 126. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Region (2020-2025) & (Sq m)

Table 127. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Region (2026-2031) & (Sq m)

Table 128. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Region (2020-2025) & (USD Million)

Table 129. Asia-Pacific Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Region (2026-2031) & (USD Million)

Table 130. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 131. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2026-2031) & (Sq m)

Table 132. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 133. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 134. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity

by Country (2020-2025) & (Sq m)

Table 135. South America Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2026-2031) & (Sq m)

Table 136. South America Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2020-2025) & (USD Million)

Table 137. South America Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2026-2031) & (USD Million)

Table 138. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2020-2025) & (Sq m)

Table 139. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Type (2026-2031) & (Sq m)

Table 140. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2020-2025) & (Sq m)

Table 141. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Application (2026-2031) & (Sq m)

Table 142. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2020-2025) & (Sq m)

Table 143. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Sales Quantity by Country (2026-2031) & (Sq m)

Table 144. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2020-2025) & (USD Million)

Table 145. Middle East & Africa Aluminum Nitride Ceramic Substrate for 5G Consumption Value by Country (2026-2031) & (USD Million)

Table 146. Aluminum Nitride Ceramic Substrate for 5G Raw Material

Table 147. Key Manufacturers of Aluminum Nitride Ceramic Substrate for 5G Raw Materials

Table 148. Aluminum Nitride Ceramic Substrate for 5G Typical Distributors

Table 149. Aluminum Nitride Ceramic Substrate for 5G Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Aluminum Nitride Ceramic Substrate for 5G Picture

Figure 2. Global Aluminum Nitride Ceramic Substrate for 5G Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Aluminum Nitride Ceramic Substrate for 5G Revenue Market Share by Type in 2024

Figure 4. Purity

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