

# Global Aluminium Nitride Ceramic Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/GDEC9D05C53BEN.html>

Date: April 2024

Pages: 138

Price: US\$ 3,950.00 (Single User License)

ID: GDEC9D05C53BEN

## Abstracts

Aluminum nitride ceramics are highly thermal conductive, thermal radiative and have a good electrical insulation property. Utilizing this feature, they are used in components for semiconductor manufacturing equipment, substrate materials and fillers, and more as their applications are expanding.

According to APO Research, The global Aluminium Nitride Ceramic market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The key Aluminium Nitride Ceramic manufacturers are Tokuyama, Surmet, Ceradyne(3M), Maruwa, Kyocera, CoorsTek(ANCeram), Furakawa, CeramTec, Ferro-Ceramic Grinding Inc, Precision-ceramics, Nishimura, KCC, TOSHIBA, Kallex, Fujian Huaqing, HYGGOOD etc. Top 3 companies occupied about 57% market share.

In terms of production side, this report researches the Aluminium Nitride Ceramic production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Aluminium Nitride Ceramic by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Aluminium Nitride Ceramic, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of

CAGR through 2030.

This report researches the key producers of Aluminium Nitride Ceramic, also provides the consumption of main regions and countries. Of the upcoming market potential for Aluminium Nitride Ceramic, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Aluminium Nitride Ceramic sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Aluminium Nitride Ceramic market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Aluminium Nitride Ceramic sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Tokuyama, Surmet, Ceradyne (3M), Maruwa, Kyocera, CoorsTek (ANCeram), Furakawa, CeramTec and Ferro-Ceramic Grinding Inc, etc.

Aluminium Nitride Ceramic segment by Company

Tokuyama

Surmet

Ceradyne (3M)

Maruwa

Kyocera

CoorsTek (ANCeram)

Furakawa

CeramTec

Ferro-Ceramic Grinding Inc

Precision-ceramics

Nishimura

KCC

TOSHIBA

Kallex

Fujian Huaqing

HYGOOD

#### Aluminium Nitride Ceramic segment by Type

ALN-170

ALN-200

Others (Like ALN-240,220 etc.)

#### Aluminium Nitride Ceramic segment by Application

Ceramic Substrates

Semiconductor Manufacturing Components

ALN Fillers

## Aluminium Nitride Ceramic segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries

and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Aluminium Nitride Ceramic market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Aluminium Nitride Ceramic and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Aluminium Nitride Ceramic.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Aluminium Nitride Ceramic market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Aluminium Nitride Ceramic industry.

Chapter 3: Detailed analysis of Aluminium Nitride Ceramic market competition landscape. Including Aluminium Nitride Ceramic manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as

origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Aluminium Nitride Ceramic by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Aluminium Nitride Ceramic in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Aluminium Nitride Ceramic Production Value Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Aluminium Nitride Ceramic Production Capacity Estimates and Forecasts (2019-2030)
  - 1.2.3 Global Aluminium Nitride Ceramic Production Estimates and Forecasts (2019-2030)
  - 1.2.4 Global Aluminium Nitride Ceramic Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### 2 GLOBAL ALUMINIUM NITRIDE CERAMIC MARKET DYNAMICS

- 2.1 Aluminium Nitride Ceramic Industry Trends
- 2.2 Aluminium Nitride Ceramic Industry Drivers
- 2.3 Aluminium Nitride Ceramic Industry Opportunities and Challenges
- 2.4 Aluminium Nitride Ceramic Industry Restraints

### 3 ALUMINIUM NITRIDE CERAMIC MARKET BY MANUFACTURERS

- 3.1 Global Aluminium Nitride Ceramic Production Value by Manufacturers (2019-2024)
- 3.2 Global Aluminium Nitride Ceramic Production by Manufacturers (2019-2024)
- 3.3 Global Aluminium Nitride Ceramic Average Price by Manufacturers (2019-2024)
- 3.4 Global Aluminium Nitride Ceramic Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Aluminium Nitride Ceramic Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Aluminium Nitride Ceramic Manufacturers, Product Type & Application
- 3.7 Global Aluminium Nitride Ceramic Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
  - 3.8.1 Global Aluminium Nitride Ceramic Market CR5 and HHI
  - 3.8.2 Global Top 5 and 10 Aluminium Nitride Ceramic Players Market Share by Production Value in 2023
  - 3.8.3 2023 Aluminium Nitride Ceramic Tier 1, Tier 2, and Tier



## **4 ALUMINIUM NITRIDE CERAMIC MARKET BY TYPE**

### **4.1 Aluminium Nitride Ceramic Type Introduction**

4.1.1 ALN-170

4.1.2 ALN-200

4.1.3 Others (Like ALN-240,220 etc.)

### **4.2 Global Aluminium Nitride Ceramic Production by Type**

4.2.1 Global Aluminium Nitride Ceramic Production by Type (2019 VS 2023 VS 2030)

4.2.2 Global Aluminium Nitride Ceramic Production by Type (2019-2030)

4.2.3 Global Aluminium Nitride Ceramic Production Market Share by Type (2019-2030)

### **4.3 Global Aluminium Nitride Ceramic Production Value by Type**

4.3.1 Global Aluminium Nitride Ceramic Production Value by Type (2019 VS 2023 VS 2030)

4.3.2 Global Aluminium Nitride Ceramic Production Value by Type (2019-2030)

4.3.3 Global Aluminium Nitride Ceramic Production Value Market Share by Type (2019-2030)

## **5 ALUMINIUM NITRIDE CERAMIC MARKET BY APPLICATION**

### **5.1 Aluminium Nitride Ceramic Application Introduction**

5.1.1 Ceramic Substrates

5.1.2 Semiconductor Manufacturing Components

5.1.3 ALN Fillers

### **5.2 Global Aluminium Nitride Ceramic Production by Application**

5.2.1 Global Aluminium Nitride Ceramic Production by Application (2019 VS 2023 VS 2030)

5.2.2 Global Aluminium Nitride Ceramic Production by Application (2019-2030)

5.2.3 Global Aluminium Nitride Ceramic Production Market Share by Application (2019-2030)

### **5.3 Global Aluminium Nitride Ceramic Production Value by Application**

5.3.1 Global Aluminium Nitride Ceramic Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global Aluminium Nitride Ceramic Production Value by Application (2019-2030)

5.3.3 Global Aluminium Nitride Ceramic Production Value Market Share by Application (2019-2030)

## **6 COMPANY PROFILES**

## 6.1 Tokuyama

### 6.1.1 Tokuyama Company Information

### 6.1.2 Tokuyama Business Overview

### 6.1.3 Tokuyama Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.1.4 Tokuyama Aluminium Nitride Ceramic Product Portfolio

### 6.1.5 Tokuyama Recent Developments

## 6.2 Surmet

### 6.2.1 Surmet Company Information

### 6.2.2 Surmet Business Overview

### 6.2.3 Surmet Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.2.4 Surmet Aluminium Nitride Ceramic Product Portfolio

### 6.2.5 Surmet Recent Developments

## 6.3 Ceradyne (3M)

### 6.3.1 Ceradyne (3M) Company Information

### 6.3.2 Ceradyne (3M) Business Overview

### 6.3.3 Ceradyne (3M) Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.3.4 Ceradyne (3M) Aluminium Nitride Ceramic Product Portfolio

### 6.3.5 Ceradyne (3M) Recent Developments

## 6.4 Maruwa

### 6.4.1 Maruwa Company Information

### 6.4.2 Maruwa Business Overview

### 6.4.3 Maruwa Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.4.4 Maruwa Aluminium Nitride Ceramic Product Portfolio

### 6.4.5 Maruwa Recent Developments

## 6.5 Kyocera

### 6.5.1 Kyocera Company Information

### 6.5.2 Kyocera Business Overview

### 6.5.3 Kyocera Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.5.4 Kyocera Aluminium Nitride Ceramic Product Portfolio

### 6.5.5 Kyocera Recent Developments

## 6.6 CoorsTek (ANCeram)

### 6.6.1 CoorsTek (ANCeram) Company Information

### 6.6.2 CoorsTek (ANCeram) Business Overview

### 6.6.3 CoorsTek (ANCeram) Aluminium Nitride Ceramic Production, Value and Gross

## Margin (2019-2024)

### 6.6.4 CoorsTek (ANCeram) Aluminium Nitride Ceramic Product Portfolio

### 6.6.5 CoorsTek (ANCeram) Recent Developments

## 6.7 Furakawa

### 6.7.1 Furakawa Comapny Information

### 6.7.2 Furakawa Business Overview

### 6.7.3 Furakawa Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.7.4 Furakawa Aluminium Nitride Ceramic Product Portfolio

### 6.7.5 Furakawa Recent Developments

## 6.8 CeramTec

### 6.8.1 CeramTec Comapny Information

### 6.8.2 CeramTec Business Overview

### 6.8.3 CeramTec Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.8.4 CeramTec Aluminium Nitride Ceramic Product Portfolio

### 6.8.5 CeramTec Recent Developments

## 6.9 Ferro-Ceramic Grinding Inc

### 6.9.1 Ferro-Ceramic Grinding Inc Comapny Information

### 6.9.2 Ferro-Ceramic Grinding Inc Business Overview

### 6.9.3 Ferro-Ceramic Grinding Inc Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.9.4 Ferro-Ceramic Grinding Inc Aluminium Nitride Ceramic Product Portfolio

### 6.9.5 Ferro-Ceramic Grinding Inc Recent Developments

## 6.10 Precision-ceramics

### 6.10.1 Precision-ceramics Comapny Information

### 6.10.2 Precision-ceramics Business Overview

### 6.10.3 Precision-ceramics Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.10.4 Precision-ceramics Aluminium Nitride Ceramic Product Portfolio

### 6.10.5 Precision-ceramics Recent Developments

## 6.11 Nishimura

### 6.11.1 Nishimura Comapny Information

### 6.11.2 Nishimura Business Overview

### 6.11.3 Nishimura Aluminium Nitride Ceramic Production, Value and Gross Margin (2019-2024)

### 6.11.4 Nishimura Aluminium Nitride Ceramic Product Portfolio

### 6.11.5 Nishimura Recent Developments

## 6.12 KCC

- 6.12.1 KCC Comapny Information
- 6.12.2 KCC Business Overview
- 6.12.3 KCC Aluminium Nitride Ceramic Production, Value and Gross Margin  
(2019-2024)
- 6.12.4 KCC Aluminium Nitride Ceramic Product Portfolio
- 6.12.5 KCC Recent Developments
- 6.13 TOSHIBA
  - 6.13.1 TOSHIBA Comapny Information
  - 6.13.2 TOSHIBA Business Overview
  - 6.13.3 TOSHIBA Aluminium Nitride Ceramic Production, Value and Gross Margin  
(2019-2024)
  - 6.13.4 TOSHIBA Aluminium Nitride Ceramic Product Portfolio
  - 6.13.5 TOSHIBA Recent Developments
- 6.14 Kallex
  - 6.14.1 Kallex Comapny Information
  - 6.14.2 Kallex Business Overview
  - 6.14.3 Kallex Aluminium Nitride Ceramic Production, Value and Gross Margin  
(2019-2024)
  - 6.14.4 Kallex Aluminium Nitride Ceramic Product Portfolio
  - 6.14.5 Kallex Recent Developments
- 6.15 Fujian Huaqing
  - 6.15.1 Fujian Huaqing Comapny Information
  - 6.15.2 Fujian Huaqing Business Overview
  - 6.15.3 Fujian Huaqing Aluminium Nitride Ceramic Production, Value and Gross Margin  
(2019-2024)
  - 6.15.4 Fujian Huaqing Aluminium Nitride Ceramic Product Portfolio
  - 6.15.5 Fujian Huaqing Recent Developments
- 6.16 HYGGOOD
  - 6.16.1 HYGGOOD Comapny Information
  - 6.16.2 HYGGOOD Business Overview
  - 6.16.3 HYGGOOD Aluminium Nitride Ceramic Production, Value and Gross Margin  
(2019-2024)
  - 6.16.4 HYGGOOD Aluminium Nitride Ceramic Product Portfolio
  - 6.16.5 HYGGOOD Recent Developments

## **7 GLOBAL ALUMINIUM NITRIDE CERAMIC PRODUCTION BY REGION**

- 7.1 Global Aluminium Nitride Ceramic Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Aluminium Nitride Ceramic Production by Region (2019-2030)

- 7.2.1 Global Aluminium Nitride Ceramic Production by Region: 2019-2024
- 7.2.2 Global Aluminium Nitride Ceramic Production by Region (2025-2030)
- 7.3 Global Aluminium Nitride Ceramic Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Aluminium Nitride Ceramic Production Value by Region (2019-2030)
  - 7.4.1 Global Aluminium Nitride Ceramic Production Value by Region: 2019-2024
  - 7.4.2 Global Aluminium Nitride Ceramic Production Value by Region (2025-2030)
- 7.5 Global Aluminium Nitride Ceramic Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
  - 7.6.1 North America Aluminium Nitride Ceramic Production Value (2019-2030)
  - 7.6.2 Europe Aluminium Nitride Ceramic Production Value (2019-2030)
  - 7.6.3 Asia-Pacific Aluminium Nitride Ceramic Production Value (2019-2030)
  - 7.6.4 Latin America Aluminium Nitride Ceramic Production Value (2019-2030)
  - 7.6.5 Middle East & Africa Aluminium Nitride Ceramic Production Value (2019-2030)

## **8 GLOBAL ALUMINIUM NITRIDE CERAMIC CONSUMPTION BY REGION**

- 8.1 Global Aluminium Nitride Ceramic Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global Aluminium Nitride Ceramic Consumption by Region (2019-2030)
  - 8.2.1 Global Aluminium Nitride Ceramic Consumption by Region (2019-2024)
  - 8.2.2 Global Aluminium Nitride Ceramic Consumption by Region (2025-2030)
- 8.3 North America
  - 8.3.1 North America Aluminium Nitride Ceramic Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 8.3.2 North America Aluminium Nitride Ceramic Consumption by Country (2019-2030)
  - 8.3.3 U.S.
  - 8.3.4 Canada
- 8.4 Europe
  - 8.4.1 Europe Aluminium Nitride Ceramic Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 8.4.2 Europe Aluminium Nitride Ceramic Consumption by Country (2019-2030)
  - 8.4.3 Germany
  - 8.4.4 France
  - 8.4.5 U.K.
  - 8.4.6 Italy
  - 8.4.7 Netherlands
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Aluminium Nitride Ceramic Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 8.5.2 Asia Pacific Aluminium Nitride Ceramic Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Aluminium Nitride Ceramic Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Aluminium Nitride Ceramic Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

9.1 Aluminium Nitride Ceramic Value Chain Analysis

9.1.1 Aluminium Nitride Ceramic Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Aluminium Nitride Ceramic Production Mode & Process

9.2 Aluminium Nitride Ceramic Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Aluminium Nitride Ceramic Distributors

9.2.3 Aluminium Nitride Ceramic Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

## I would like to order

Product name: Global Aluminium Nitride Ceramic Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/GDEC9D05C53BEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDEC9D05C53BEN.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

