

# Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market size is expected to reach \$ 851.7 million by 2029, rising at a market growth of 6.4% CAGR during the forecast period (2023-2029).

Global key manufacturers of aluminum nitride (AlN) ceramic heaters for semiconductors include NGK insulator, Boboo Hi-Tech, MiCo Ceramics, etc. The largest manufacturer is NGK insulator, with a market share of about 48%. The global production sites are mainly located in Japan, the United States, South Korea, etc., with Japan being the largest production region with a market share of 52%. In terms of its product category, 8-inch holds the largest market share, accounting for 63%, followed by 12-inch. In terms of its applications, chemical vapor deposition (CVD) is its first major application area, with a market share of 58%; in addition, atomic layer deposition (ALD) and plasma-enhanced chemical vapor deposition are also its major application areas.

Aluminum Nitride (AlN) ceramic heaters are designed to support and heat silicon wafers. They are made of aluminum nitride (AlN), which has outstanding thermal conductivity. They are co-sintered with resistance heating elements to provide excellent thermal uniformity, and reduce metal contamination.

This report studies the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This

report explores demand trends and competition, as well as details the characteristics of Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors total production and demand, 2018-2029, (Units)

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors total production value, 2018-2029, (USD Million)

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors domestic production, consumption, key domestic manufacturers and share

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NGK insulator, Sumitomo Electric, CoorsTek, AMAT, Boboo Hi-Tech, MiCo Ceramics and Semixicon LLC, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors Market,  
Segmentation by Type

8 inches

12 inches

Other

## Global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors Market, Segmentation by Application

CVD

ALD

Plasma-enhanced Chemical Vapor Deposition

### Companies Profiled:

NGK insulator

Sumitomo Electric

CoorsTek

AMAT

Boboo Hi-Tech

MiCo Ceramics

Semixicon LLC

### Key Questions Answered

1. How big is the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market?
2. What is the demand of the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market?

3. What is the year over year growth of the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market?
4. What is the production and production value of the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market?
5. Who are the key producers in the global Aluminum Nitride (AlN) Ceramic Heaters for Semiconductors market?
6. What are the growth factors driving the market demand?

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