

Global High-purity Aluminum Nitride Powder Market Growth 2023-2029

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Abstracts

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Aluminum Nitride (AlN) is synthesized from the abundant elements aluminum and nitrogen. It does not occur naturally.

AlN is stable in inert atmospheres at temperatures over 2000°C. It exhibits high thermal conductivity, uniquely, a strong dielectric. This unusual combination of properties makes AlN a critical advanced material for many future applications in optics, lighting, electronics and renewable energy.

LPI (LP Information)' newest research report, the "High-purity Aluminum Nitride Powder Industry Forecast" looks at past sales and reviews total world High-purity Aluminum Nitride Powder sales in 2022, providing a comprehensive analysis by region and market sector of projected High-purity Aluminum Nitride Powder sales for 2023 through 2029. With High-purity Aluminum Nitride Powder sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High-purity Aluminum Nitride Powder industry.

This Insight Report provides a comprehensive analysis of the global High-purity Aluminum Nitride Powder 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 High-purity Aluminum Nitride Powder portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High-purity Aluminum Nitride Powder market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High-purity Aluminum Nitride Powder 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 High-purity Aluminum Nitride Powder.

The global High-purity Aluminum Nitride Powder market size is projected to grow from US\$ 76 million in 2022 to US\$ 104.3 million in 2029; it is expected to grow at a CAGR of 104.3 from 2023 to 2029.

Global Aluminum Nitride Powder key players include Tokuyama Corporation, Surmet Corp, H.C. Starck, Toyo Aluminium K.K., etc. Global top four manufacturers hold a share about 85%.

Japan is the largest market, with a share over 60%, followed by USA, and Europe, both have a share about 30 percent.

In terms of product, Carbothermal Reduction and Nitridation Method is the largest segment, with a share over 90%. And in terms of application, the largest application is Electrical Component, followed by Thermal Conductive Material, etc.

This report presents a comprehensive overview, market shares, and growth opportunities of High-purity Aluminum Nitride Powder market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Direct Nitridation Method

Carbothermal Reduction and Nitridation Method

Segmentation by application

Electrical Component

Thermal Conductive Material

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 analyzing the company's coverage, product portfolio, its market penetration.

Tokuyama Corporation

H.C. Starck

Toyo Aluminium K.K.

Accumet Materials

Surmet Corp

THRUTEK Applied Materials

HeFei MoK Advanced Material

Eno High-Tech Material

Pengcheng Special Ceramics

Desunmet Ceramic Material

Maite Kechuang

Key Questions Addressed in this Report

What is the 10-year outlook for the global High-purity Aluminum Nitride Powder market?

What factors are driving High-purity Aluminum Nitride Powder market growth, globally and by region?

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

How do High-purity Aluminum Nitride Powder market opportunities vary by end market size?

How does High-purity Aluminum Nitride Powder break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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