

Global SiN AMB Substrate Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global SiN AMB Substrate market size is expected to reach \$ 1390.5 million by 2029, rising at a market growth of 39.3% CAGR during the forecast period (2023-2029).

Global key players of SiN AMB Substrate include Rogers Corporation, Denka, Ferrotec, etc. Global top 3 companies hold a share over 75%. Japan is the largest producer, has a share about 42%, followed by Europe and China, with share 32% and 22%, respectively. Asia Pacific is the largest market, with a share about 64%, followed by Europe and Americas with the share about 29% and 6%.

Active Metal Brazing (AMB) is the latest developments in ceramic substrates and offers the ability to produce Heavy Copper with a AlN (Aluminium Nitride) or SiN (Silicon Nitride). The normal metallisation process is not used as AMB involves brazing pure copper on the ceramic in a high temperature vacuum brazing process. As well as offering a high reliability substrate with unique heat dissipation. The brazing technology also enables double sided copper weights of up to 800µm on thin ceramic substrates of just 0.25mm.

This report studies the global SiN AMB Substrate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiN AMB Substrate, 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 SiN AMB Substrate that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SiN AMB Substrate total production and demand, 2018-2029, (Square Meters)

Global SiN AMB Substrate total production value, 2018-2029, (USD Million)

Global SiN AMB Substrate production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Square Meters)

Global SiN AMB Substrate consumption by region & country, CAGR, 2018-2029 & (Square Meters)

U.S. VS China: SiN AMB Substrate domestic production, consumption, key domestic manufacturers and share

Global SiN AMB Substrate production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Square Meters)

Global SiN AMB Substrate production by Substrate Thicknesses, production, value, CAGR, 2018-2029, (USD Million) & (Square Meters)

Global SiN AMB Substrate production by Application production, value, CAGR, 2018-2029, (USD Million) & (Square Meters)

This reports profiles key players in the global SiN AMB Substrate 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 Rogers Corporation, Heraeus Electronics, Kyocera, Toshiba Materials, Denka, KCC, AMOTECH, Ferrotec and BYD, 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 SiN AMB Substrate market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Square Meters) and average price (US\$/Square Meter) by manufacturer, by Substrate Thicknesses, 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 SiN AMB Substrate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiN AMB Substrate Market, Segmentation by Substrate Thicknesses

0.32mm SiN AMB Substrates

0.25mm SiN AMB Substrates

Global SiN AMB Substrate Market, Segmentation by Application

Automobile

Traction & Railway

New Energy & Power Grid

Military & Aerospace

Others

Companies Profiled:

Rogers Corporation

Heraeus Electronics

Kyocera

Toshiba Materials

Denka

KCC

AMOTECH

Ferrotec

BYD

Shenzhen Xinzhou Electronic Technology

Zhejiang TC Ceramic Electronic

Shengda Tech

Beijing Moshi Technology

Nantong Winspower

Wuxi Tianyang Electronics

Key Questions Answered

1. How big is the global SiN AMB Substrate market?
2. What is the demand of the global SiN AMB Substrate market?
3. What is the year over year growth of the global SiN AMB Substrate market?
4. What is the production and production value of the global SiN AMB Substrate market?
5. Who are the key producers in the global SiN AMB Substrate market?
6. What are the growth factors driving the market demand?

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