

Global Silicon Nitride Active Metal Brazed Substrate Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/GCAB929BC44BEN.html>

Date: November 2022

Pages: 107

Price: US\$ 4,480.00 (Single User License)

ID: GCAB929BC44BEN

Abstracts

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 Silicon Nitride Active Metal Brazed Substrate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Nitride Active Metal Brazed Substrate, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Nitride Active Metal Brazed Substrate that contribute to its increasing demand across many markets.

The global Silicon Nitride Active Metal Brazed Substrate market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Silicon Nitride Active Metal Brazed Substrate total production and demand, 2017-2028, (Sq.m)

Global Silicon Nitride Active Metal Brazed Substrate total production value, 2017-2028, (USD Million)

Global Silicon Nitride Active Metal Brazed Substrate production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (Sq.m)

Global Silicon Nitride Active Metal Brazed Substrate consumption by region & country, CAGR, 2017-2028 & (Sq.m)

U.S. VS China: Silicon Nitride Active Metal Brazed Substrate domestic production, consumption, key domestic manufacturers and share

Global Silicon Nitride Active Metal Brazed Substrate production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Sq.m)

Global Silicon Nitride Active Metal Brazed Substrate production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Sq.m)

Global Silicon Nitride Active Metal Brazed Substrate production by Application production, value, CAGR, 2017-2028, (USD Million) & (Sq.m)

This reports profiles key players in the global Silicon Nitride Active Metal Brazed Substrate market based on the following parameters – headquarters, production locations, products portfolio, Silicon Nitride Active Metal Brazed Substrate revenue, sales, average price and gross margin, recent developments.

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 Silicon Nitride Active Metal Brazed Substrate market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Sq.m) and average price (USD/Sq.m) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast

year.

Global Silicon Nitride Active Metal Brazed Substrate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Silicon Nitride Active Metal Brazed Substrate Market, Segmentation by Type

0.32mm SiN AMB Substrates

0.25mm SiN AMB Substrates

Global Silicon Nitride Active Metal Brazed 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

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 Silicon Nitride Active Metal Brazed Substrate market?
2. What is the demand of the global Silicon Nitride Active Metal Brazed Substrate market?
3. What is the year over year growth of the global Silicon Nitride Active Metal Brazed

Substrate market?

4. What is the production and production value of the global Silicon Nitride Active Metal Brazed Substrate market?
5. Who are the key producers in the global Silicon Nitride Active Metal Brazed Substrate market?
6. What are the growth factors driving the market demand?

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