

Global Silver Sintering Die-Attach Materials Market Growth 2024-2030

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Abstracts

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Silver Sintering Die-Attach Materials is a kind of high silver-filled die attach paste, which can achieve ultra-high thermal conductivity. Silver sintered pastes offer a robust lead-free alternative to solder pastes increasing the lifetime of the device up to 10 times. It can be applied to printing or dispensing processes, which can ensure higher thermal conductivity in lead frame and LED packaging applications.

Silver Sintering Die-Attach Materials is mainly nano silver pastes, which is designed for die-attach bonding, especially for power semiconductors like SiC (Silicon Carbide) and GaN (Gallium Nitride). Nano silver pastes are gaining popularity as die-attach materials due to their ability to bond at low temperatures and their suitability for applications requiring high operating temperatures, where traditional solder materials may not be ideal.

The global Silver Sintering Die-Attach Materials market size is projected to grow from US\$ 184 million in 2024 to US\$ 253 million in 2030; it is expected to grow at a CAGR of 5.4% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Silver Sintering Die-Attach Materials Industry Forecast" looks at past sales and reviews total world Silver Sintering Die-Attach Materials sales in 2023, providing a comprehensive analysis by region and market sector of projected Silver Sintering Die-Attach Materials sales for 2024 through 2030. With Silver Sintering Die-Attach Materials sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Silver Sintering Die-Attach Materials industry.



This Insight Report provides a comprehensive analysis of the global Silver Sintering Die-Attach Materials 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 Silver Sintering Die-Attach Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silver Sintering Die-Attach Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silver Sintering Die-Attach Materials 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 Silver Sintering Die-Attach Materials.

Global core manufacturers of Silver Sintering Die-Attach Materials include Heraeus, Electronics, Kyocera, Indium, Alpha Assembly Solutions and Henkel. Asia-Pacific is the largest consumption region, accounting for approximately 43% of the global market, followed by North America. In terms of type, pressure sintering is the largest market segment, with a share of more than 56%. In terms of application, the largest application is power semiconductor device, with a share of approximately 57%.

This report presents a comprehensive overview, market shares, and growth opportunities of Silver Sintering Die-Attach Materials market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Pressure Sintering

Pressure-less Sintering

Segmentation by Application:

Power Semiconductor Device



RF Power Device

High Performance LED

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

Heraeus Electronics Kyocera Indium Alpha Assembly Solutions Henkel Namics Advanced Joining Technology Shenzhen Facemoore Technology



TANAKA Precious Metals

Nihon Superior

Nihon Handa

NBE Tech

Sumitomo Bakelite

Celanese

Solderwell Advanced Materials

Guangzhou Xianyi Electronic Technology

ShareX (Zhejiang) New Material Technology

Bando Chemical Industries

Shenzhen Jufeng Solder

Key Questions Addressed in this Report

What is the 10-year outlook for the global Silver Sintering Die-Attach Materials market?

What factors are driving Silver Sintering Die-Attach Materials market growth, globally and by region?

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

How do Silver Sintering Die-Attach Materials market opportunities vary by end market size?

How does Silver Sintering Die-Attach Materials break out by Type, by Application?



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