

Global Electronic Packaging Heat Sink Material Market Growth 2023-2029

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Abstracts

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Since the heat sink material needs to be closely attached to the chip, two basic performance requirements need to be considered: high thermal conductivity (TC) and matching coefficient of thermal expansion (CTE). High thermal conductivity realizes rapid heat dissipation to ensure that the chip works normally at a suitable temperature; through the matching thermal expansion coefficient, it reduces the thermal stress between the heat sink, the chip and the packaging materials, and avoids cracking and detachment that may cause the chip to overburn occur. The essence of the upgrade and development of heat sink materials is the process of continuous optimization of thermal conductivity and thermal expansion coefficient. There are two main categories of electronic packaging heat sinks, ceramics and metals.

LPI (LP Information)' newest research report, the “Electronic Packaging Heat Sink Material Industry Forecast” looks at past sales and reviews total world Electronic Packaging Heat Sink Material sales in 2022, providing a comprehensive analysis by region and market sector of projected Electronic Packaging Heat Sink Material sales for 2023 through 2029. With Electronic Packaging Heat Sink Material sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Electronic Packaging Heat Sink Material industry.

This Insight Report provides a comprehensive analysis of the global Electronic Packaging Heat Sink Material 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 Electronic Packaging Heat Sink Material portfolios and capabilities, market

entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Electronic Packaging Heat Sink Material market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Electronic Packaging Heat Sink Material 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 Electronic Packaging Heat Sink Material.

The global Electronic Packaging Heat Sink Material market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Electronic Packaging Heat Sink Material is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Electronic Packaging Heat Sink Material is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Electronic Packaging Heat Sink Material is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Electronic Packaging Heat Sink Material players cover Kyocera, Maruwa, Hitachi High-Technologies, Tecnisco, A.L.S. GmbH, Rogers Germany, ATTL, Ningbo CrysDiam Industrial Technology and Beijing Worldia Diamond Tools, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Electronic Packaging Heat Sink Material market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Ceramic Heat Sink Material

Metal Heat Sink Material

Segmentation by application

Semiconductor Laser

Microwave Power Device

Semiconductor Lighting Device

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.

Kyocera

Maruwa

Hitachi High-Technologies

Tecnisco

A.L.S. GmbH

Rogers Germany

ATTL

Ningbo CrysDiam Industrial Technology

Beijing Worldia Diamond Tools

Henan Baililai Superhard Materials

Advanced Composite Material

ICP Technology

Shengda Technology

Element Six

Key Questions Addressed in this Report

What is the 10-year outlook for the global Electronic Packaging Heat Sink Material market?

What factors are driving Electronic Packaging Heat Sink Material market growth, globally and by region?

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

How do Electronic Packaging Heat Sink Material market opportunities vary by end market size?

How does Electronic Packaging Heat Sink Material break out type, application?

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

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