+357 96 030922
info@marketpublishers.com

Global High Thermal Conductivity Powders for Molds Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/G34A4F68E3D7EN.html
Date: November 2025
Pages: 109
Price: US$ 3,480.00 (Single User License)
ID: G34A4F68E3D7EN

Abstracts

According to our (Global Info Research) latest study, the global High Thermal Conductivity Powders for Molds market size was valued at US$ 607 million in 2024 and is forecast to a readjusted size of USD 2019 million by 2031 with a CAGR of 18.9% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

High thermal conductivity metal powder for 3D printing refers to metal powder materials with excellent thermal conductivity, which are specially used in additive manufacturing (3D printing) technology. These metal powders are usually made of metals with high thermal conductivity such as copper, aluminum, silver or their alloys, which can effectively conduct heat and reduce material deformation or performance degradation caused by local overheating during printing. High thermal conductivity metal powders are widely used in the manufacture of electronic devices, heat exchange systems and high-performance mechanical parts that require efficient heat dissipation to meet the needs of precise processing and thermal management under complex geometric shapes.

This report is a detailed and comprehensive analysis for global High Thermal Conductivity Powders for Molds market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many

+357 96 030922
info@marketpublishers.com

markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global High Thermal Conductivity Powders for Molds market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global High Thermal Conductivity Powders for Molds market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global High Thermal Conductivity Powders for Molds market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2020-2031

Global High Thermal Conductivity Powders for Molds market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), and ASP (US$/Ton), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for High Thermal Conductivity Powders for Molds
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global High Thermal Conductivity Powders for Molds market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Daido Steel, Sandvik, Carpenter Technology, GE, GKN Hoeganaes, Avimetal Powder Metallurgy Technology, Hoganas, FALCONTECH, Erasteel, Sailong Metal Materials, etc.
This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

+357 96 030922
info@marketpublishers.com

High Thermal Conductivity Powders for Molds market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Iron-based

Titanium

Nickel

Aluminum

Others

Market segment by Application

Aerospace and Defense

Mold Making

Automotive

Medical

Laboratory

Major players covered

Daido Steel

Sandvik

Carpenter Technology

+357 96 030922
info@marketpublishers.com

GE

GKN Hoeganaes

Avimetal Powder Metallurgy Technology

Hoganas

FALCONTECH

Erasteel

Sailong Metal Materials

H.C. Starck

Material Technology Innovations

Zhejiang Asia General

Baohang Advanced Material

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:
Chapter 1, to describe High Thermal Conductivity Powders for Molds product scope, market overview, market estimation caveats and base year.
Chapter 2, to profile the top manufacturers of High Thermal Conductivity Powders for Molds, with price, sales quantity, revenue, and global market share of High Thermal Conductivity Powders for Molds from 2020 to 2025.

+357 96 030922
info@marketpublishers.com

Chapter 3, the High Thermal Conductivity Powders for Molds competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.
Chapter 4, the High Thermal Conductivity Powders for Molds breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.
Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.
Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and High Thermal Conductivity Powders for Molds market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.
Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.
Chapter 13, the key raw materials and key suppliers, and industry chain of High Thermal Conductivity Powders for Molds.
Chapter 14 and 15, to describe High Thermal Conductivity Powders for Molds sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: HIGH THERMAL CONDUCTIVITY POWDERS FOR MOLDS BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global High Thermal Conductivity Powders for Molds Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: https://marketpublishers.com/r/G34A4F68E3D7EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G34A4F68E3D7EN.html