

Global Shape Memory Alloys Market 2022-2028

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Abstracts

Shape memory alloys (SMAs) are a unique class of alloys that have ability to remember their shape and are able to return to that shape even after being bent. The ability of shape memory alloys to exhibit shape memory effect has contributed to the extensive popularity of this material for a wide range of applications. According to Gen Consulting Company, the global shape memory alloys market is projected to reach USD 27,655 million, recording a CAGR of approximately 11.7 percent from 2022 to 2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global shape memory alloys market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the shape memory alloys industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, end user, and region. The global market for shape memory alloys can be segmented by product: copper based SMA, nitinol SMA, others. Globally, the nitinol SMA segment made up the largest share of the shape memory alloys market. Shape memory alloys market is further segmented by end user: aerospace, defense & marine, automotive, biomedical, consumer electronics, mechanical components, others. Based on region, the shape memory alloys market is segmented into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By product:

copper based SMA

nitinol SMA

others

By end user:

aerospace, defense & marine

automotive

biomedical

consumer electronics

mechanical components

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The global shape memory alloys market report offers detailed information on several market vendors, including Advanced Technology & Materials Co., Ltd., Dynalloy, Inc., Fort Wayne Metals Research Products, LLC, FURUKAWA CO., LTD., Grinm Advanced Materials Co., Ltd., Johnson Matthey PLC, Lanzhou Seemine SMA Co. Ltd., Luminous Peiertech (Jiangyin Fasten-PLT Materials Science Company Ltd.), Nippon Seisen Co., Ltd., Nippon Steel Corporation, SAES Getters S.p.A., Shanghai Shape Memory Alloy Co., Ltd. (Lepu Medical Technology (Beijing) Co., Ltd.), Shenzhen Superline Technology Co., Ltd., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global shape memory alloys market.

To classify and forecast the global shape memory alloys market based on product, end user, region.

To identify drivers and challenges for the global shape memory alloys market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global shape memory alloys market.

To identify and analyze the profile of leading players operating in the global shape memory alloys market.

Why Choose This Report

Gain a reliable outlook of the global shape memory alloys market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Copper based SMA
Nitinol SMA
Others

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Aerospace, defense & marine
Automotive
Biomedical
Consumer electronics
Mechanical components
Others

PART 7. MARKET BREAKDOWN BY REGION

Asia Pacific

Europe

North America

Rest of the World (RoW)

PART 8. KEY COMPANIES

Advanced Technology & Materials Co., Ltd.

Dynalloy, Inc.

Fort Wayne Metals Research Products, LLC

FURUKAWA CO., LTD.

Grinm Advanced Materials Co., Ltd.

Johnson Matthey PLC

Lanzhou Seemine SMA Co. Ltd.

Lumenous Peiertech (Jiangyin Fasten-PLT Materials Science Company Ltd.)

Nippon Seisen Co., Ltd.

Nippon Steel Corporation

SAES Getters S.p.A.

Shanghai Shape Memory Alloy Co., Ltd. (Lepu Medical Technology (Beijing) Co., Ltd.)

Shenzhen Superline Technology Co., Ltd.

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