

Germanium Crystals Market - Global Outlook and Forecast 2022-2028

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Abstracts

Crystals are produced from very pure starting material. The material is purified by using zone refining in graphite and quartz boats, then grown into large single crystals using the Czochralski method.

This report contains market size and forecasts of Germanium Crystals in global, including the following market information:

Global Germanium Crystals Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Germanium Crystals Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Germanium Crystals companies in 2021 (%)

The global Germanium Crystals market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

by Grade Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Germanium Crystals include Umicore, Yunnan Germanium, ER Precision Optical, Azelis, Jenoptik(Photonic Sense), Grinm, Baoding Sanjing and Xiamen Powerway Advanced Material, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Germanium Crystals manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Germanium Crystals Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Crystals Market Segment Percentages, by Type, 2021 (%)

by Grade

Optical Grade

Solar Grade

by Diameter

0-300mm

300-500mm

More than 500mm

by Purity

High Purity

Ultra Purity

Global Germanium Crystals Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Crystals Market Segment Percentages, by Application, 2021 (%)

Semiconductor Device

Solar Battery

Infrared Imager

Others

Global Germanium Crystals Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Crystals Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Germanium Crystals revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Germanium Crystals revenues share in global market, 2021 (%)

Key companies Germanium Crystals sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Germanium Crystals sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Umicore

Yunnan Germanium

ER Precision Optical

Azelis

Jenoptik(Photonic Sense)

Grinm

Baoding Sanjing

Xiamen Powerway Advanced Material

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