

Single Crystal Germanium Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/S1131ABD740FEN.html

Date: December 2020 Pages: 109 Price: US\$ 3,000.00 (Single User License) ID: S1131ABD740FEN

Abstracts

SUMMARY

Further key aspects of the report indicate that:

- Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology
- Chapter 2: Global Industry Summary
- Chapter 3: Market Dynamics
- Chapter 4: Global Market Segmentation by region, type and End-Use
- Chapter 5: North America Market Segmentation by region, type and End-Use
- Chapter 6: Europe Market Segmentation by region, type and End-Use
- Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use
- Chapter 8: South America Market Segmentation by region, type and End-Use
- Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.
- Chapter 10: Market Competition by Companies
- Chapter 11: Market forecast and environment forecast.
- Chapter 12: Industry Summary.

The global Single Crystal Germanium market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Single Crystal Germanium market segmented into

Solar Grade



Infrared Grade

Detector Grade

Based on the end-use, the global Single Crystal Germanium market classified into

Semiconductor Device

Solar Battery

Infrared Imager

Others

Based on geography, the global Single Crystal Germanium market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

China Germanium

Yunnan Germanium

Umicore



Chihong Zn&Ge

AXT

PS (Jenoptik)

PPM

Baoding Sanjing



Contents

1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
- 1.2.1 Product Type
- 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

2 GLOBAL SINGLE CRYSTAL GERMANIUM INDUSTRY

- 2.1 Summary about Single Crystal Germanium Industry
- 2.2 Single Crystal Germanium Market Trends
 - 2.2.1 Single Crystal Germanium Production & Consumption Trends
- 2.2.2 Single Crystal Germanium Demand Structure Trends
- 2.3 Single Crystal Germanium Cost & Price

3 MARKET DYNAMICS

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
 - 3.2.1 Drivers
 - 3.2.2 Restraints
 - 3.2.3 Opportunity
 - 3.2.4 Risk

4 GLOBAL MARKET SEGMENTATION

- 4.1 Region Segmentation (2017 to 2021f)
 - 4.1.1 North America (U.S., Canada and Mexico)
 - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
 - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Solar Grade
- 4.2.2 Infrared Grade
- 4.2.3 Detector Grade
- 4.3 Consumption Segmentation (2017 to 2021f)
- 4.3.1 Semiconductor Device
- 4.3.2 Solar Battery
- 4.3.3 Infrared Imager
- 4.3.4 Others

5 NORTH AMERICA MARKET SEGMENT

- 5.1 Region Segmentation (2017 to 2021f)
- 5.1.1 U.S.
- 5.1.2 Canada
- 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
 - 5.2.1 Solar Grade
 - 5.2.2 Infrared Grade
 - 5.2.3 Detector Grade
- 5.3 Consumption Segmentation (2017 to 2021f)
 - 5.3.1 Semiconductor Device
 - 5.3.2 Solar Battery
 - 5.3.3 Infrared Imager
 - 5.3.4 Others
- 5.4 Impact of COVID-19 in North America

6 EUROPE MARKET SEGMENTATION

- 6.1 Region Segmentation (2017 to 2021f)
 - 6.1.1 Germany
 - 6.1.2 UK
 - 6.1.3 France
 - 6.1.4 Italy
 - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
 - 6.2.1 Solar Grade
 - 6.2.2 Infrared Grade
- 6.2.3 Detector Grade
- 6.3 Consumption Segmentation (2017 to 2021f)



- 6.3.1 Semiconductor Device
- 6.3.2 Solar Battery
- 6.3.3 Infrared Imager
- 6.3.4 Others
- 6.4 Impact of COVID-19 in Europe

7 ASIA-PACIFIC MARKET SEGMENTATION

- 7.1 Region Segmentation (2017 to 2021f)
 - 7.1.1 China
 - 7.1.2 India
 - 7.1.3 Japan
 - 7.1.4 South Korea
 - 7.1.5 Southeast Asia
 - 7.1.6 Australia
 - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
 - 7.2.1 Solar Grade
 - 7.2.2 Infrared Grade
 - 7.2.3 Detector Grade
- 7.3 Consumption Segmentation (2017 to 2021f)
 - 7.3.1 Semiconductor Device
 - 7.3.2 Solar Battery
 - 7.3.3 Infrared Imager
 - 7.3.4 Others
- 7.4 Impact of COVID-19 in Europe

8 SOUTH AMERICA MARKET SEGMENTATION

- 8.1 Region Segmentation (2017 to 2021f)
 - 8.1.1 Brazil
 - 8.1.2 Argentina
 - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
 - 8.2.1 Solar Grade
 - 8.2.2 Infrared Grade
 - 8.2.3 Detector Grade
- 8.3 Consumption Segmentation (2017 to 2021f)
 - 8.3.1 Semiconductor Device



8.3.2 Solar Battery8.3.3 Infrared Imager8.3.4 Others8.4 Impact of COVID-19 in Europe

9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
 - 9.1.1 GCC
 - 9.1.2 North Africa
 - 9.1.3 South Africa
 - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
- 9.2.1 Solar Grade
- 9.2.2 Infrared Grade
- 9.2.3 Detector Grade
- 9.3 Consumption Segmentation (2017 to 2021f)
- 9.3.1 Semiconductor Device
- 9.3.2 Solar Battery
- 9.3.3 Infrared Imager
- 9.3.4 Others
- 9.4 Impact of COVID-19 in Europe

10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
 - 10.1.1 China Germanium
 - 10.1.2 Yunnan Germanium
 - 10.1.3 Umicore
 - 10.1.4 Chihong Zn&Ge
 - 10.1.5 AXT
 - 10.1.6 PS (Jenoptik)
 - 10.1.7 PPM
 - 10.1.8 Baoding Sanjing
- 10.2 Single Crystal Germanium Sales Date of Major Players (2017-2020e)
 - 10.2.1 China Germanium
 - 10.2.2 Yunnan Germanium
 - 10.2.3 Umicore
 - 10.2.4 Chihong Zn&Ge



10.2.5 AXT
10.2.6 PS (Jenoptik)
10.2.7 PPM
10.2.8 Baoding Sanjing
10.3 Market Distribution of Major Players
10.4 Global Competition Segmentation

11 MARKET FORECAST

11.1 Forecast by Region
11.2 Forecast by Demand
11.3 Environment Forecast
11.3.1 Impact of COVID-19
11.3.2 Geopolitics Overview
11.3.3 Economic Overview of Major Countries

12 REPORT SUMMARY STATEMENT



List Of Tables

LIST OF TABLES

Table Single Crystal Germanium Product Type Overview Table Single Crystal Germanium Product Type Market Share List Table Single Crystal Germanium Product Type of Major Players Table Brief Introduction of China Germanium Table Brief Introduction of Yunnan Germanium Table Brief Introduction of Umicore Table Brief Introduction of Chihong Zn&Ge Table Brief Introduction of AXT Table Brief Introduction of PS (Jenoptik) Table Brief Introduction of PPM Table Brief Introduction of Baoding Sanjing Table Products & Services of China Germanium Table Products & Services of Yunnan Germanium Table Products & Services of Umicore Table Products & Services of Chihong Zn&Ge Table Products & Services of AXT Table Products & Services of PS (Jenoptik) Table Products & Services of PPM Table Products & Services of Baoding Sanjing Table Market Distribution of Major Players Table Global Major Players Sales Revenue (Million USD) 2017-2020e Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e Table Global Single Crystal Germanium Market Forecast (Million USD) by Region 2021f-2026f Table Global Single Crystal Germanium Market Forecast (Million USD) Share by Region 2021f-2026f Table Global Single Crystal Germanium Market Forecast (Million USD) by Demand 2021f-2026f Table Global Single Crystal Germanium Market Forecast (Million USD) Share by Demand 2021f-2026f



List Of Figures

LIST OF FIGURES

Figure Global Single Crystal Germanium Market Size under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Single Crystal Germanium Market by Region under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Single Crystal Germanium Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Single Crystal Germanium Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Single Crystal Germanium Production by Region under the Impact of COVID-19, 2021-2026 (USD Million) Figure Global Single Crystal Germanium Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million) Figure Global Single Crystal Germanium Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million) Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Year-

over-year (YOY) Growth (%) 2018-2021f



Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and



Year-over-year (YOY) Growth (%) 2018-2021f Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth

(%) 2018-2021f

Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Rest of Middle East and Africa Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Solar Grade Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

Figure Infrared Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Detector Grade Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Semiconductor Device Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Solar Battery Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Infrared Imager Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Single Crystal Germanium Sales Revenue (Million USD) of China Germanium



2017-2020e

Figure Single Crystal Germanium Sales Revenue (Million USD) of Yunnan Germanium 2017-2020e

Figure Single Crystal Germanium Sales Revenue (Million USD) of Umicore 2017-2020e

Figure Single Crystal Germanium Sales Revenue (Million USD) of Chihong Zn&Ge 2017-2020e

Figure Single Crystal Germanium Sales Revenue (Million USD) of AXT 2017-2020e Figure Single Crystal Germanium Sales Revenue (Million USD) of PS (Jenoptik) 2017-2020e

Figure Single Crystal Germanium Sales Revenue (Million USD) of PPM 2017-2020e Figure Single Crystal Germanium Sales Revenue (Million USD) of Baoding Sanjing 2017-2020e



I would like to order

Product name: Single Crystal Germanium Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: https://marketpublishers.com/r/S1131ABD740FEN.html

Price: US\$ 3,000.00 (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 <u>https://marketpublishers.com/r/S1131ABD740FEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Single Crystal Germanium Market Status and Trend Analysis 2017-2026 (COVID-19 Version)