

Global Gallium Market Professional Survey Report 2018

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Abstracts

This report studies the global Gallium market status and forecast, categorizes the global Gallium market size (value & volume) by manufacturers, type, application, and region. This report focuses on the top manufacturers in North America, Europe, Japan, China, India, Southeast Asia and other regions (Central & South America, and Middle East & Africa).

Gallium Arsenide (GaAs) is a compound semiconductor: a mixture of two elements, Gallium (Ga) and Arsenic (As). Gallium is a byproduct of the melting of other metals, notably aluminum and zinc, and is rarer than gold. Arsenic is not rare, but it is poisonous.

Gallium arsenide (GaAs) is a compound of the elements gallium and arsenic. It is a III-V direct bandgap semiconductor with a zinc blende crystal structure. Gallium arsenide is used in the manufacture of devices such as microwave frequency integrated circuits, monolithic microwave integrated circuits, infrared light-emitting diodes, laser diodes, solar cells and optical windows. In 2016, the global consumption volume of GaAs reached 48171K Square Inches.

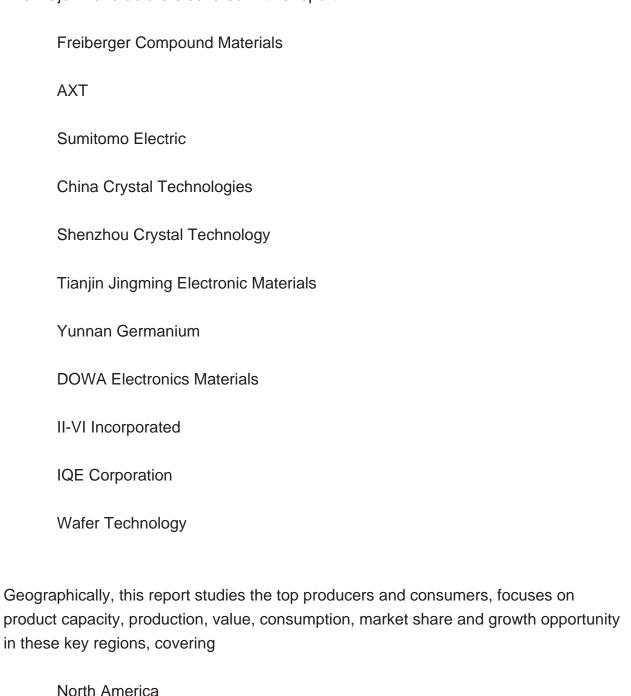
For industry structure analysis, the GaAs industry is highly concentrated. A variety of manufacturers ranging from large multinational corporations to small privately-owned companies compete in this industry, but the top six producers account for more than 70% of the market. Regionally, China is the biggest production and consumption area of GaAs, also the leader in the whole industry. Europe, Japan and USA also produce large amount of GaAs per year.

Regionally, GaAs suppliers are concentrated in Europe, USA, China, Japan and Taiwan. Leading suppliers in this industry are Freiberger Compound Materials, AXT, Sumitomo Electric, China Crystal Technologies, and Shenzhou Crystal Technology. GaAs can be classified based on its production method. In 2016, VGF Grown GaAs takes 62.93% share of global market, while LEC Grown GaAs takes share of 26.97%.



The global Gallium market is valued at 270 million US\$ in 2017 and will reach 360 million US\$ by the end of 2025, growing at a CAGR of 4.3% during 2018-2025.

The major manufacturers covered in this report



Europe

China







| (| Germany |
|-------------------------|--|
| F | France |
| l | JK |
| l· | taly |
| S | Spain |
| F | Russia |
| F | Rest of Europe |
| Central & South America | |
| E | Brazil |
| A | Argentina |
| F | Rest of South America |
| Middle East & Africa | |
| S | Saudi Arabia |
| Т | Turkey |
| F | Rest of Middle East & Africa |
| On the basis of | product, this report displays the production, revenue, price, market |

LEC Grown GaAs

share and growth rate of each type, primarily split into

VGF Grown GaAs



By Application, the market can be split into

Wireless Communication

Optoelectronic Devices

The study objectives of this report are:

To analyze and study the global Gallium capacity, production, value, consumption, status (2013-2017) and forecast (2018-2025);

Focuses on the key Gallium manufacturers, to study the capacity, production, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market.

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Gallium are as follows:



History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders
Gallium Manufacturers
Gallium Distributors/Traders/Wholesalers
Gallium Subcomponent Manufacturers
Industry Association
Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Gallium market, by end-use.

Detailed analysis and profiles of additional market players.



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