

# Demand for Sn Gallium Oxide Substrate In Japan Is Estimated to Expand More than 2X over the Next 10 Years : Fact.MR

*Gallium Oxide Substrate Market, Forecast, Trend, Analysis & Competition Tracking - Global Market Insights 2020 to 2030*

ROCKVILLE, MARYLAND, UNITED STATES, November 2, 2021 /EINPresswire.com/ -- The [gallium oxide substrate market](#) is estimated to expand more than 2X and generate an absolute dollar opportunity of US\$ 5 Mn over the forecast period (2020-2030). Research & development activities done by academic & research institutes hold a major portion of the pie. With rapid growth of

semiconductor and electronics industries, demand for substrate is only expected to increase over the coming years. However, the market will face a short-term decline in growth due to the ongoing COVID-19 pandemic, and gradually pick pace over the coming months and years.

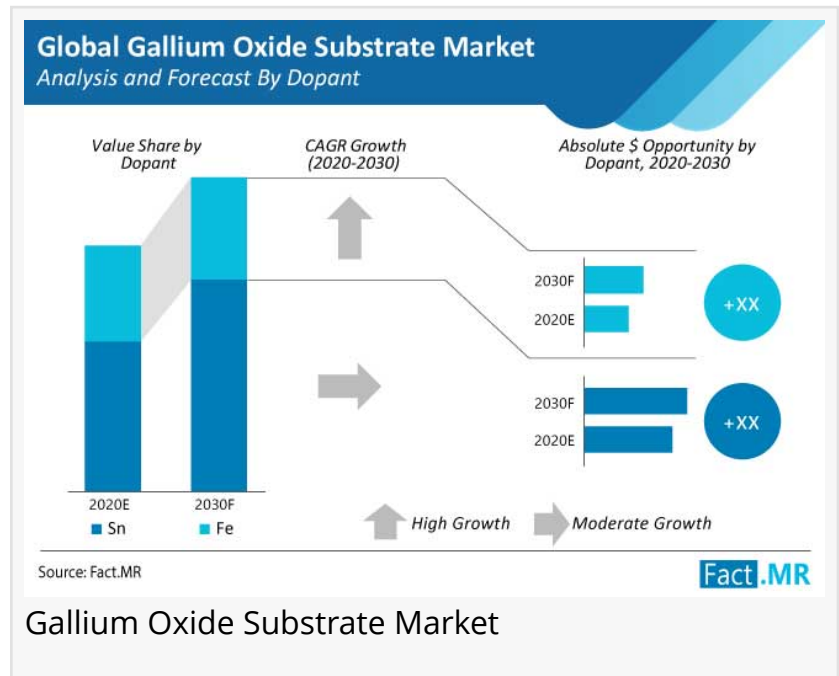
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“Evolving scene of the semiconductor industry is responsible for the robust growth of the global gallium oxide substrate market, which is projected to double in value over the next ten years,” says a Fact.MR analyst.

## Gallium Oxide Substrate Market: Segmentation

Fact.MR has studied the gallium oxide substrate market with detailed segmentation on the basis of dopant, application, and key regions.

### Dopant



Sn  
Fe  
Others  
Application

Visible/ Ultraviolet LEDs  
Power Semiconductors  
Ultraviolet Detectors

Region

North America  
Europe  
Asia Pacific  
Rest of the World

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Key Takeaways from Global Gallium Oxide Substrate Market

The global gallium oxide substrate market is anticipated to race ahead and add 2.1X value in 2030 as compared to 2020.

Sn dopants capture nearly 59% of the global gallium oxide substrates market.

Among the applications, visible/ ultraviolet LEDs hold a major share of the market – around 57% in 2020 – as LEDs are adopted across industries for various uses such as purification, currency detecting, etc.

Asia Pacific holds a leading share in the gallium oxide substrate market, of which, Taiwan has been the demand center in FY2020. North America is the second-most attractive region in the global gallium oxide substrate market.

After initial setbacks due to the onset of the COVID-19 virus, the gallium oxide substrate market is gradually recovering and getting back to its normal growth trajectory.

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Rare Material Allowing Manufacturers to Maintain High Prices

Key Market Players

The following are the key market players:

Chalco

Liche Opto Co., Ltd  
NANJING JINMEI GALLIUM CO., LTD.  
Nanoshell LLC  
Neo Performance Materials  
Nippon Rare Metal, Inc.  
Super Conductor Materials, Inc.  
Saint-Gobain  
Vital Materials Co.  
Tamura Corporation  
Novel Crystal Technology  
Kyma Technologies Inc.

Players in this space have the power to maintain high prices of substrates, which will also act as a barrier for new entrants trying to enter this market place.

More Valuable Insights on Gallium Oxide Substrate Market  
Fact.MR, in its new offering, presents an unbiased analysis of the global gallium oxide substrate market, presenting historical demand data (2015-2019) and forecast statistics for the period of 2020-2030. The study divulges essential insights on the gallium oxide substrate market on the basis of dopant (tin, iron, and others) and application (visible/ ultraviolet LEDs, power semiconductors, and ultraviolet detectors), across four major regions of the world.

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