

Global Gallium Nitride Target Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Gallium Nitride Target market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Gallium nitride target is a key material for semiconductor thin film preparation technologies such as physical vapor deposition (PVD) and magnetron sputtering (sputtering). It is usually made of high-purity gallium nitride (GaN) material, which has good thermal conductivity, electrical conductivity and chemical stability. In preparation technologies such as PVD and sputtering, the gallium nitride target is placed in a vacuum chamber, and then the atoms on its surface are released by means of ion bombardment or thermal evaporation, and deposited on the surface of the semiconductor wafer to form the desired film structure. Because gallium nitride has excellent electrical and optical properties, gallium nitride targets have been widely used in the manufacture of semiconductor devices, such as for the preparation of high-brightness LEDs, lasers and power devices.

This report studies the global Gallium Nitride Target production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gallium Nitride Target, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gallium Nitride Target that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Gallium Nitride Target total production and demand, 2018-2029, (Tons)

Global Gallium Nitride Target total production value, 2018-2029, (USD Million)

Global Gallium Nitride Target production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Gallium Nitride Target consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Gallium Nitride Target domestic production, consumption, key domestic manufacturers and share

Global Gallium Nitride Target production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Gallium Nitride Target production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Gallium Nitride Target production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Gallium Nitride Target market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tosoh SMD, Inc., KAMIS Incorporated, American Elements, AEM Deposition, Nexteck Technology Limited, Materion Corporation, Kurt J. Lesker Company, Angstrom Sciences, Inc. and Plansee SE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gallium Nitride Target market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by

manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Gallium Nitride Target Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Gallium Nitride Target Market, Segmentation by Type

N-Type Gallium Nitride Target

P-Type Gallium Nitride Target

Global Gallium Nitride Target Market, Segmentation by Application

LED Manufacturing

LD Manufacturing

Solar Cell Manufacturing

Semiconductor Device Manufacturing

Companies Profiled:

Tosoh SMD, Inc.

KAMIS Incorporated

American Elements

AEM Deposition

Nexatek Technology Limited

Materion Corporation

Kurt J. Lesker Company

Angstrom Sciences, Inc.

Plansee SE

Stanford Advanced Materials

RHP Technology GmbH

CXMET

GRIKIN Advanced Materials Co., Ltd.

China New Metal Materials Technology Co., Ltd.

E-light Technology Co., Ltd.

Beijing Loyaltarget Technology Co., Limited

Key Questions Answered

1. How big is the global Gallium Nitride Target market?
2. What is the demand of the global Gallium Nitride Target market?
3. What is the year over year growth of the global Gallium Nitride Target market?
4. What is the production and production value of the global Gallium Nitride Target market?
5. Who are the key producers in the global Gallium Nitride Target market?
6. What are the growth factors driving the market demand?

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