

2026-2031 Global Wide-bandgap Semiconductor Material Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

<https://marketpublishers.com/r/W717746B575FEN.html>

Date: August 2026

Pages: 148

Price: US\$ 3,150.00 (Single User License)

ID: W717746B575FEN

Abstracts

HNY Research projects that the Wide-bandgap Semiconductor Material market size will grow from 951.75 Million USD in 2025 to 2936.54 Million USD by 2031, at an estimated CAGR of 20.66%. The base year considered for the study is 2025, and the market size is projected from 2026 to 2031.

For 2025 regional market size, the North America market size was 182.55 Million USD, the Europe market size was 184.45 Million USD, and the Asia market size was 167.51 Million USD.

This report presents a detailed and holistic analysis of the global Wide-bandgap Semiconductor Material market. It integrates quantitative data with qualitative insights to equip readers with the necessary information for strategic planning, competitive assessment, market positioning, and data-driven decision-making.

All market sizes, estimates, and forecasts are expressed in terms of output/shipments and revenue. With 2025 serving as the base year, the report provides historical context from 2020. and projections up to 2031. It includes a complete segmentation of the global market, along with regional market sizes analyzed by type, application, and key industry participants.

Further enriching the analysis, the report outlines the competitive environment, offering profiles of prominent players and their market standings. It also explores key technological advancements and recent developments in product offerings. Ultimately, this report serves as a vital resource for Wide-bandgap Semiconductor Material manufacturers, prospective entrants, and other stakeholders within the industry

value chain. It supplies comprehensive data on revenues, production, and average pricing for the overall market and its sub-segments, detailed by company, product type, application, and geographic region.

By Market Players:

Cree, Inc.
Infineon Technologies
IQE
Sumitomo Chemical
Soitec
SweGaN
ExaGaN
Xiamen Powerway Advanced Material Co., Ltd.
Kyma Technologies, Inc.
Qorvo, Inc.
Mitsubishi Chemical Corporation
Powdec K.K.
DOWA Electronics Materials Co., Ltd.
GaN Systems

By Type

Gallium Oxide
Diamonds
Others

By Application

Semiconductor Lighting
Power Electronic Devices
Laser
Other

By Regions/Countries:

North America
East Asia
Europe
South Asia
Southeast Asia
Middle East
Africa

Oceania
South America

Points Covered in The Report

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Global Market Size by Player 2020-2025
- 1.4 Global Market Size by Type in 2026-2031
 - 1.4.1 Global Market Size by Type in 2026-2031
 - 1.4.2 Gallium Oxide
 - 1.4.3 Diamonds
 - 1.4.4 Others
- 1.5 Global Market Size by Application in 2026-2031
 - 1.5.1 Global Market Size by Application in 2026-2031
 - 1.5.2 Semiconductor Lighting
 - 1.5.3 Power Electronic Devices
 - 1.5.4 Laser
 - 1.5.5 Other
- 1.6 Global Market Size by Region 2026-2031
 - 1.6.1 Global Market Size Outlook 2026-2031
 - 1.6.2 North America
 - 1.6.3 East Asia
 - 1.6.4 Europe
 - 1.6.5 South Asia
 - 1.6.6 Southeast Asia
 - 1.6.7 Middle East
 - 1.6.8 Africa
 - 1.6.9 Oceania
 - 1.6.10 South America
 - 1.6.11 Rest of the World

2 MANUFACTURING COST STRUCTURE ANALYSIS 2026

- 2.1 Manufacturing Cost Structure Analysis of Wide-bandgap Semiconductor Material 2026
- 2.2 Industry Chain Structure Analysis of Wide-bandgap Semiconductor Material 2026

3 MARKET COMPETITION ANALYSIS BY PLAYERS 2020-2025

3.1 Global Wide-bandgap Semiconductor Material Production Capacity by Players
2020-2025

3.2 Global Wide-bandgap Semiconductor Material Production Revenue by Players
2020-2025

3.3 Global Wide-bandgap Semiconductor Material Ex-Factory Price by Players
2020-2025

4 MARKET COMPETITION ANALYSIS BY REGION 2020-2025

4.1 Global Wide-bandgap Semiconductor Material Production by Region 2020-2025

4.1.1 Global Wide-bandgap Semiconductor Material Production Volume by Region
2020-2025

4.1.2 Global Wide-bandgap Semiconductor Material Production Revenue by Region
2020-2025

4.2 Global Wide-bandgap Semiconductor Material Consumption Volume by Region
2020-2025

4.3 North America Wide-bandgap Semiconductor Material Market Competition Analysis
2020-2025

4.3.1 North America Wide-bandgap Semiconductor Material Production Volume
Analysis 2020-2025

4.3.2 North America Wide-bandgap Semiconductor Material Production Revenue
Analysis 2020-2025

4.3.3 North America Wide-bandgap Semiconductor Material Sales Volume by Key
Players 2020-2025

4.3.4 North America Wide-bandgap Semiconductor Material Production, Consumption,
Import and Export 2020-2025

4.4 East Asia Wide-bandgap Semiconductor Material Market Competition Analysis
2020-2025

4.4.1 East Asia Wide-bandgap Semiconductor Material Production Volume Analysis
2020-2025

4.4.2 East Asia Wide-bandgap Semiconductor Material Production Revenue Analysis
2020-2025

4.4.3 East Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players
2020-2025

4.4.4 East Asia Wide-bandgap Semiconductor Material Production, Consumption,
Import and Export 2020-2025

4.5 Europe Wide-bandgap Semiconductor Material Market Competition Analysis
2020-2025

4.5.1 Europe Wide-bandgap Semiconductor Material Production Volume Analysis

2020-2025

4.5.2 Europe Wide-bandgap Semiconductor Material Production Revenue Analysis

2020-2025

4.5.3 Europe Wide-bandgap Semiconductor Material Sales Volume by Key Players

2020-2025

4.5.4 Europe Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

4.6 South Asia Wide-bandgap Semiconductor Material Market Competition Analysis

2020-2025

4.6.1 South Asia Wide-bandgap Semiconductor Material Production Volume Analysis

2020-2025

4.6.2 South Asia Wide-bandgap Semiconductor Material Production Revenue Analysis

2020-2025

4.6.3 South Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players

2020-2025

4.6.4 South Asia Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

4.7 Southeast Asia Wide-bandgap Semiconductor Material Market Competition Analysis

2020-2025

4.7.1 Southeast Asia Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

4.7.2 Southeast Asia Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

4.7.3 Southeast Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

4.7.4 Southeast Asia Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

4.8 Middle East Wide-bandgap Semiconductor Material Market Competition Analysis 2020-2025

4.8.1 Middle East Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

4.8.2 Middle East Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

4.8.3 Middle East Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

4.8.4 Middle East Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

4.9 Africa Wide-bandgap Semiconductor Material Market Competition Analysis 2020-2025

4.9.1 Africa Wide-bandgap Semiconductor Material Production Volume Analysis
2020-2025

4.9.2 Africa Wide-bandgap Semiconductor Material Production Revenue Analysis
2020-2025

4.9.3 Africa Wide-bandgap Semiconductor Material Sales Volume by Key Players
2020-2025

4.9.4 Africa Wide-bandgap Semiconductor Material Production, Consumption, Import
and Export 2020-2025

4.10 Oceania Wide-bandgap Semiconductor Material Market Competition Analysis
2020-2025

4.10.1 Oceania Wide-bandgap Semiconductor Material Production Volume Analysis
2020-2025

4.10.2 Oceania Wide-bandgap Semiconductor Material Production Revenue Analysis
2020-2025

4.10.3 Oceania Wide-bandgap Semiconductor Material Sales Volume by Key Players
2020-2025

4.10.4 Oceania Wide-bandgap Semiconductor Material Production, Consumption,
Import and Export 2020-2025

4.11 South America Wide-bandgap Semiconductor Material Market Competition
Analysis 2020-2025

4.11.1 South America Wide-bandgap Semiconductor Material Production Volume
Analysis 2020-2025

4.11.2 South America Wide-bandgap Semiconductor Material Production Revenue
Analysis 2020-2025

4.11.3 South America Wide-bandgap Semiconductor Material Sales Volume by Key
Players 2020-2025

4.11.4 South America Wide-bandgap Semiconductor Material Production,
Consumption, Import and Export 2020-2025

5 MARKET COMPETITION ANALYSIS BY TYPE (SALES VIEW) 2020-2031

5.1 Global Wide-bandgap Semiconductor Material Historic Market Size by Type in
2020-2025

5.2 Global Wide-bandgap Semiconductor Material Forecasted Market Size by Type in
2026-2031

6 MARKET COMPETITION ANALYSIS BY APPLICATION (CONSUMPTION VIEW) 2020-2031

6.1 Global Wide-bandgap Semiconductor Material Historic Market Size by Application in 2020-2025

6.2 Global Wide-bandgap Semiconductor Material Forecasted Market Size by Application in 2026-2031

7 LEADING COMPANY PROFILES AND KEY FIGURES IN WIDE-BANDGAP SEMICONDUCTOR MATERIAL BUSINESS 2020-2025

7.1 Cree, Inc.

7.1.1 Cree, Inc. Company Profile

7.1.2 Cree, Inc. Wide-bandgap Semiconductor Material Product Specification

7.1.3 Cree, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.2 Infineon Technologies

7.2.1 Infineon Technologies Company Profile

7.2.2 Infineon Technologies Wide-bandgap Semiconductor Material Product Specification

7.2.3 Infineon Technologies Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.3 IQE

7.3.1 IQE Company Profile

7.3.2 IQE Wide-bandgap Semiconductor Material Product Specification

7.3.3 IQE Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.4 Sumitomo Chemical

7.4.1 Sumitomo Chemical Company Profile

7.4.2 Sumitomo Chemical Wide-bandgap Semiconductor Material Product Specification

7.4.3 Sumitomo Chemical Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.5 Soitec

7.5.1 Soitec Company Profile

7.5.2 Soitec Wide-bandgap Semiconductor Material Product Specification

7.5.3 Soitec Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.6 SweGaN

7.6.1 SweGaN Company Profile

7.6.2 SweGaN Wide-bandgap Semiconductor Material Product Specification

7.6.3 SweGaN Wide-bandgap Semiconductor Material Production Capacity, Revenue,

Price and Gross Margin 2020-2025

7.7 ExaGaN

7.7.1 ExaGaN Company Profile

7.7.2 ExaGaN Wide-bandgap Semiconductor Material Product Specification

7.7.3 ExaGaN Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.8 Xiamen Powerway Advanced Material Co., Ltd.

7.8.1 Xiamen Powerway Advanced Material Co., Ltd. Company Profile

7.8.2 Xiamen Powerway Advanced Material Co., Ltd. Wide-bandgap Semiconductor Material Product Specification

7.8.3 Xiamen Powerway Advanced Material Co., Ltd. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.9 Kyma Technologies, Inc.

7.9.1 Kyma Technologies, Inc. Company Profile

7.9.2 Kyma Technologies, Inc. Wide-bandgap Semiconductor Material Product Specification

7.9.3 Kyma Technologies, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.10 Qorvo, Inc.

7.10.1 Qorvo, Inc. Company Profile

7.10.2 Qorvo, Inc. Wide-bandgap Semiconductor Material Product Specification

7.10.3 Qorvo, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.11 Mitsubishi Chemical Corporation

7.11.1 Mitsubishi Chemical Corporation Company Profile

7.11.2 Mitsubishi Chemical Corporation Wide-bandgap Semiconductor Material Product Specification

7.11.3 Mitsubishi Chemical Corporation Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.12 Powdec K.K.

7.12.1 Powdec K.K. Company Profile

7.12.2 Powdec K.K. Wide-bandgap Semiconductor Material Product Specification

7.12.3 Powdec K.K. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.13 DOWA Electronics Materials Co., Ltd.

7.13.1 DOWA Electronics Materials Co., Ltd. Company Profile

7.13.2 DOWA Electronics Materials Co., Ltd. Wide-bandgap Semiconductor Material Product Specification

7.13.3 DOWA Electronics Materials Co., Ltd. Wide-bandgap Semiconductor Material

Production Capacity, Revenue, Price and Gross Margin 2020-2025

7.14 GaN Systems

7.14.1 GaN Systems Company Profile

7.14.2 GaN Systems Wide-bandgap Semiconductor Material Product Specification

7.14.3 GaN Systems Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

8 MARKET FORECAST ANALYSIS ON PRODUCTION AND SUPPLY BY REGION 2026-2031

8.1 Global Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

8.2 Global Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

8.3 Global Forecasted Production Volume of Wide-bandgap Semiconductor Material by Region 2026-2031

8.3.1 North America Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.2 East Asia Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.3 Europe Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.4 South Asia Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.5 Southeast Asia Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.6 Middle East Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.7 Africa Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.8 Oceania Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.9 South America Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.3.10 Rest of the World Forecasted Production of Wide-bandgap Semiconductor Material 2026-2031

8.4 Global Forecasted Sales by Type and Consumption by Application in 2026-2031

8.4.1 Global Forecasted Sales Volume, Sales Revenue and Sales Price by Type in 2026-2031

8.4.2 Global Forecasted Consumption Volume and Consumption Value by Application in 2026-2031

9 MARKET FORECAST ANALYSIS ON CONSUMPTION AND DEMAND BY REGION 2026-2031

9.1 North America Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.2 East Asia Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.3 Europe Market Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.4 South Asia Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.5 Southeast Asia Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.6 Middle East Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.7 Africa Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.8 Oceania Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.9 South America Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

9.10 Rest of the World Forecasted Consumption of Wide-bandgap Semiconductor Material by Country

10 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS ANALYSIS

10.1 Marketing Channel

10.1.1 Direct Channels

10.1.2 Indirect Channels

11 MARKET DYNAMICS ANALYSIS

11.1 Market Trends

11.2 Opportunities and Drivers

11.3 Challenges

11.4 Porter's Five Forces Analysis

12 CONCLUSION

13 APPENDIX

13.1 Methodology/Research Approach

13.1.1 Research Programs/Design

13.1.2 Market Size Estimation

13.1.3 Market Breakdown and Data Triangulation

13.2 Data Source

13.2.1 Secondary Sources

13.2.2 Primary Sources

13.3 Who Trust HNY Research

13.4 Disclaimer

Research Methodology

List Of Tables

LIST OF TABLES

Table Global Market Size in Production Revenue by Player 2020-2025

Table Global Market Size in Sales Revenue by Type in 2026-2031

Table Global Market Size in Consumption Value by Application in 2026-2031

Table Global Wide-bandgap Semiconductor Material Production Capacity by Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Volume by Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Volume Market Share by Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Revenue by Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Revenue Share by Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Ex-Factory Price of Key Players 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Volume by Region 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Volume Market Share by Region 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Revenue by Region 2020-2025

Table Global Wide-bandgap Semiconductor Material Production Revenue Market Share by Region 2020-2025

Table Global Wide-bandgap Semiconductor Material Consumption Volume by Region 2020-2025

Table Global Wide-bandgap Semiconductor Material Consumption Volume Market Share by Region 2020-2025

Table North America Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table North America Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table East Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table East Asia Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Europe Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table Europe Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table South Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table South Asia Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Southeast Asia Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table Southeast Asia Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Middle East Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table Middle East Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Africa Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table Africa Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Oceania Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table Oceania Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table South America Wide-bandgap Semiconductor Material Sales Volume by Key Players 2020-2025

Table South America Wide-bandgap Semiconductor Material Production, Consumption, Import and Export 2020-2025

Table Global Wide-bandgap Semiconductor Material Historic Sales Revenue by Type in 2020-2025

Table Global Wide-bandgap Semiconductor Material Historic Sales Revenue Market Share by Type in 2020-2025

Table Global Wide-bandgap Semiconductor Material Forecasted Sales Revenue by Type in 2026-2031

Table Global Wide-bandgap Semiconductor Material Forecasted Sales Revenue Market Share by Type in 2026-2031

Table Global Wide-bandgap Semiconductor Material Historic Consumption Value by Application in 2020-2025

Table Global Wide-bandgap Semiconductor Material Historic Consumption Value Market

Share by Application in 2020-2025

Table Global Wide-bandgap Semiconductor Material Forecasted Consumption Value by Application in 2026-2031

Table Global Wide-bandgap Semiconductor Material Forecasted Consumption Value Market Share by Application in 2026-2031

Table Cree, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Infineon Technologies Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table IQE Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Sumitomo Chemical Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Soitec Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table SweGaN Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table ExaGaN Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Xiamen Powerway Advanced Material Co., Ltd. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Kyma Technologies, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Qorvo, Inc. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Mitsubishi Chemical Corporation Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Powdec K.K. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table DOWA Electronics Materials Co., Ltd. Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table GaN Systems Wide-bandgap Semiconductor Material Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Global Forecasted Production Volume of Wide-bandgap Semiconductor Material by Region 2026-2031

Table Global Forecasted Sales Volume by Type in 2026-2031

Table Global Forecasted Sales Volume Market Share by Type in 2026-2031

Table Global Forecasted Sales Revenue by Type in 2026-2031

Table Global Forecasted Sales Revenue Market Share by Type in 2026-2031

Table Global Forecasted Sales Price by Type in 2026-2031

Table Global Forecasted Consumption Volume by Application in 2026-2031

Table Global Forecasted Consumption Value by Application in 2026-2031

Table Market Key Trends

Table Key Opportunities and Drivers: Impact Analysis 2026-2031

Table Key Challenges

Table Research Programs/Design for This Report

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

Figure Global Market Share in Sales Revenue by Type in 2025

Figure Gallium Oxide Features

Figure Diamonds Features

Figure Others Features

Figure Global Market Share in Consumption Value by Application in 2025

Figure Semiconductor Lighting Case Studies

Figure Power Electronic Devices Case Studies

Figure Laser Case Studies

Figure Other Case Studies

Figure Global Market Size in Sales Revenue Outlook 2026-2031

Figure North America Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure East Asia Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Europe Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure South Asia Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure South America Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Middle East Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Africa Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Oceania Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure South America Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Rest of the World Wide-bandgap Semiconductor Material Sales Revenue and Growth Rate 2026-2031

Figure Manufacturing Cost Structure Analysis of Wide-bandgap Semiconductor Material 2026

Figure Industry Chain Structure Analysis of Wide-bandgap Semiconductor Material 2026

Figure Global Wide-bandgap Semiconductor Material Production Volume Market Share

by Region in 2025

Figure Global Wide-bandgap Semiconductor Material Production Revenue Market Share by Region in 2025

Figure North America Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure North America Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure East Asia Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure East Asia Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Europe Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure Europe Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure South Asia Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure South Asia Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Southeast Asia Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure Southeast Asia Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Middle East Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure Middle East Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Africa Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure Africa Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Oceania Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure Oceania Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure South America Wide-bandgap Semiconductor Material Production Volume Analysis 2020-2025

Figure South America Wide-bandgap Semiconductor Material Production Revenue Analysis 2020-2025

Figure Cree, Inc. Wide-bandgap Semiconductor Material Product Specification

Figure Infineon Technologies Wide-bandgap Semiconductor Material Product Specification

Figure IQE Wide-bandgap Semiconductor Material Product Specification

Figure Sumitomo Chemical Wide-bandgap Semiconductor Material Product Specification

Figure Soitec Wide-bandgap Semiconductor Material Product Specification

Figure SweGaN Wide-bandgap Semiconductor Material Product Specification

Figure ExaGaN Wide-bandgap Semiconductor Material Product Specification

Figure Xiamen Powerway Advanced Material Co., Ltd. Wide-bandgap Semiconductor Material Product Specification

Figure Kyma Technologies, Inc. Wide-bandgap Semiconductor Material Product Specification

Figure Qorvo, Inc. Wide-bandgap Semiconductor Material Product Specification

Figure Mitsubishi Chemical Corporation Wide-bandgap Semiconductor Material Product Specification

Figure Powdec K.K. Wide-bandgap Semiconductor Material Product Specification

Figure DOWA Electronics Materials Co., Ltd. Wide-bandgap Semiconductor Material Product Specification

Figure GaN Systems Wide-bandgap Semiconductor Material Product Specification

Figure Global Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Global Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure North America Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure North America Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure East Asia Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure East Asia Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure Europe Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Europe Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure South Asia Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure South Asia Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Material 2026-2031

Figure Southeast Asia Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Southeast Asia Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure Middle East Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Middle East Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure Africa Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Africa Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure Oceania Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Oceania Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure South America Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure South America Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure Rest of the World Forecasted Production Capacity of Wide-bandgap Semiconductor Material 2026-2031

Figure Rest of the World Forecasted Production Revenue of Wide-bandgap Semiconductor Material 2026-2031

Figure North America Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure North America Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure East Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure East Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Europe Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Europe Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure South Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure South Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Southeast Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Southeast Asia Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Middle East Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Middle East Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Africa Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Africa Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Oceania Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Oceania Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure South America Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure South America Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Rest of the World Forecasted Consumption of Wide-bandgap Semiconductor Material 2026-2031

Figure Rest of the World Forecasted Consumption of Wide-bandgap Semiconductor Material 2031 by Country

Figure Channels of Distribution

Figure Porter's Five Forces Analysis

Figure Key Executives Interviewed

I would like to order

Product name: 2026-2031 Global Wide-bandgap Semiconductor Material Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

Product link: <https://marketpublishers.com/r/W717746B575FEN.html>

Price: US\$ 3,150.00 (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 <https://marketpublishers.com/r/W717746B575FEN.html>