

Global Gallium Phosphide Single Crystal Substrate Market Research Report 2026(Status and Outlook)

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Abstracts

The global Gallium Phosphide Single Crystal Substrate market size was estimated at USD 380.5 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 7.25% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Gallium Phosphide Single Crystal Substrate market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Gallium Phosphide Single Crystal Substrate market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Gallium Phosphide Single Crystal Substrate market.

Global Gallium Phosphide Single Crystal Substrate Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

American Elements
Nanjing Muke Nano Technology
Biotain Crystal
Western Minmetals (SC) Corporation
Phostec
Beijing Zhongke Yannuo New Material
Beijing Topvendor Technology
Neyco
Xiamen Zopin New Material
Shanghai Famous Trade
Beijing Beike 2D Materials
HF-Kejing

Market Segmentation (by Type)

Single Side Polished
Double Side Polished

Market Segmentation (by Application)

LED
Infrared Sensors
Monitoring Cameras

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Gallium Phosphide Single Crystal Substrate Market

Overview of the regional outlook of the Gallium Phosphide Single Crystal Substrate Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Gallium Phosphide Single Crystal Substrate Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Gallium Phosphide Single Crystal Substrate, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to

come
6-month post-sales analyst support

Customization of the Report

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Gallium Phosphide Single Crystal Substrate
- 1.2 Key Market Segments
 - 1.2.1 Gallium Phosphide Single Crystal Substrate Segment by Type
 - 1.2.2 Gallium Phosphide Single Crystal Substrate Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Gallium Phosphide Single Crystal Substrate Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Gallium Phosphide Single Crystal Substrate Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Gallium Phosphide Single Crystal Substrate Product Life Cycle
- 3.3 Global Gallium Phosphide Single Crystal Substrate Sales by Manufacturers (2020-2025)
- 3.4 Global Gallium Phosphide Single Crystal Substrate Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Gallium Phosphide Single Crystal Substrate Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Gallium Phosphide Single Crystal Substrate Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
3.8 Gallium Phosphide Single Crystal Substrate Market Competitive Situation and Trends

3.8.1 Gallium Phosphide Single Crystal Substrate Market Concentration Rate

3.8.2 Global 5 and 10 Largest Gallium Phosphide Single Crystal Substrate Players
Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE INDUSTRY CHAIN ANALYSIS

4.1 Gallium Phosphide Single Crystal Substrate Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Gallium Phosphide Single Crystal Substrate Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Gallium Phosphide Single Crystal Substrate Market

5.7 ESG Ratings of Leading Companies

6 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Type (2020-2025)
- 6.3 Global Gallium Phosphide Single Crystal Substrate Market Size by Type (2020-2025)
- 6.4 Global Gallium Phosphide Single Crystal Substrate Price by Type (2020-2025)

7 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Gallium Phosphide Single Crystal Substrate Market Sales by Application (2020-2025)
- 7.3 Global Gallium Phosphide Single Crystal Substrate Market Size (M USD) by Application (2020-2025)
- 7.4 Global Gallium Phosphide Single Crystal Substrate Sales Growth Rate by Application (2020-2025)

8 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET SALES BY REGION

- 8.1 Global Gallium Phosphide Single Crystal Substrate Sales by Region
 - 8.1.1 Global Gallium Phosphide Single Crystal Substrate Sales by Region
 - 8.1.2 Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Region
- 8.2 Global Gallium Phosphide Single Crystal Substrate Market Size by Region
 - 8.2.1 Global Gallium Phosphide Single Crystal Substrate Market Size by Region
 - 8.2.2 Global Gallium Phosphide Single Crystal Substrate Market Size by Region
- 8.3 North America
 - 8.3.1 North America Gallium Phosphide Single Crystal Substrate Sales by Country
 - 8.3.2 North America Gallium Phosphide Single Crystal Substrate Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Gallium Phosphide Single Crystal Substrate Sales by Country

8.4.2 Europe Gallium Phosphide Single Crystal Substrate Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Gallium Phosphide Single Crystal Substrate Sales by Region

8.5.2 Asia Pacific Gallium Phosphide Single Crystal Substrate Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Gallium Phosphide Single Crystal Substrate Sales by Country

8.6.2 South America Gallium Phosphide Single Crystal Substrate Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Gallium Phosphide Single Crystal Substrate Sales by Region

8.7.2 Middle East and Africa Gallium Phosphide Single Crystal Substrate Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET PRODUCTION BY REGION

9.1 Global Production of Gallium Phosphide Single Crystal Substrate by Region(2020-2025)

9.2 Global Gallium Phosphide Single Crystal Substrate Revenue Market Share by Region (2020-2025)

9.3 Global Gallium Phosphide Single Crystal Substrate Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Gallium Phosphide Single Crystal Substrate Production

9.4.1 North America Gallium Phosphide Single Crystal Substrate Production Growth Rate (2020-2025)

9.4.2 North America Gallium Phosphide Single Crystal Substrate Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Gallium Phosphide Single Crystal Substrate Production

9.5.1 Europe Gallium Phosphide Single Crystal Substrate Production Growth Rate (2020-2025)

9.5.2 Europe Gallium Phosphide Single Crystal Substrate Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Gallium Phosphide Single Crystal Substrate Production (2020-2025)

9.6.1 Japan Gallium Phosphide Single Crystal Substrate Production Growth Rate (2020-2025)

9.6.2 Japan Gallium Phosphide Single Crystal Substrate Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Gallium Phosphide Single Crystal Substrate Production (2020-2025)

9.7.1 China Gallium Phosphide Single Crystal Substrate Production Growth Rate (2020-2025)

9.7.2 China Gallium Phosphide Single Crystal Substrate Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 American Elements

10.1.1 American Elements Basic Information

10.1.2 American Elements Gallium Phosphide Single Crystal Substrate Product Overview

10.1.3 American Elements Gallium Phosphide Single Crystal Substrate Product Market Performance

10.1.4 American Elements Business Overview

10.1.5 American Elements SWOT Analysis

10.1.6 American Elements Recent Developments

10.2 Nanjing Muke Nano Technology

10.2.1 Nanjing Muke Nano Technology Basic Information

10.2.2 Nanjing Muke Nano Technology Gallium Phosphide Single Crystal Substrate

Product Overview

10.2.3 Nanjing Muke Nano Technology Gallium Phosphide Single Crystal Substrate

Product Market Performance

10.2.4 Nanjing Muke Nano Technology Business Overview

10.2.5 Nanjing Muke Nano Technology SWOT Analysis

10.2.6 Nanjing Muke Nano Technology Recent Developments

10.3 Biotain Crystal

10.3.1 Biotain Crystal Basic Information

10.3.2 Biotain Crystal Gallium Phosphide Single Crystal Substrate Product Overview

10.3.3 Biotain Crystal Gallium Phosphide Single Crystal Substrate Product Market

Performance

10.3.4 Biotain Crystal Business Overview

10.3.5 Biotain Crystal SWOT Analysis

10.3.6 Biotain Crystal Recent Developments

10.4 Western Minmetals (SC) Corporation

10.4.1 Western Minmetals (SC) Corporation Basic Information

10.4.2 Western Minmetals (SC) Corporation Gallium Phosphide Single Crystal

Substrate Product Overview

10.4.3 Western Minmetals (SC) Corporation Gallium Phosphide Single Crystal

Substrate Product Market Performance

10.4.4 Western Minmetals (SC) Corporation Business Overview

10.4.5 Western Minmetals (SC) Corporation Recent Developments

10.5 Phostec

10.5.1 Phostec Basic Information

10.5.2 Phostec Gallium Phosphide Single Crystal Substrate Product Overview

10.5.3 Phostec Gallium Phosphide Single Crystal Substrate Product Market

Performance

10.5.4 Phostec Business Overview

10.5.5 Phostec Recent Developments

10.6 Beijing Zhongke Yannuo New Material

10.6.1 Beijing Zhongke Yannuo New Material Basic Information

10.6.2 Beijing Zhongke Yannuo New Material Gallium Phosphide Single Crystal

Substrate Product Overview

10.6.3 Beijing Zhongke Yannuo New Material Gallium Phosphide Single Crystal

Substrate Product Market Performance

10.6.4 Beijing Zhongke Yannuo New Material Business Overview

10.6.5 Beijing Zhongke Yannuo New Material Recent Developments

10.7 Beijing Topvendor Technology

10.7.1 Beijing Topvendor Technology Basic Information

10.7.2 Beijing Topvendor Technology Gallium Phosphide Single Crystal Substrate Product Overview

10.7.3 Beijing Topvendor Technology Gallium Phosphide Single Crystal Substrate Product Market Performance

10.7.4 Beijing Topvendor Technology Business Overview

10.7.5 Beijing Topvendor Technology Recent Developments

10.8 Neyco

10.8.1 Neyco Basic Information

10.8.2 Neyco Gallium Phosphide Single Crystal Substrate Product Overview

10.8.3 Neyco Gallium Phosphide Single Crystal Substrate Product Market Performance

10.8.4 Neyco Business Overview

10.8.5 Neyco Recent Developments

10.9 Xiamen Zopin New Material

10.9.1 Xiamen Zopin New Material Basic Information

10.9.2 Xiamen Zopin New Material Gallium Phosphide Single Crystal Substrate Product Overview

10.9.3 Xiamen Zopin New Material Gallium Phosphide Single Crystal Substrate Product Market Performance

10.9.4 Xiamen Zopin New Material Business Overview

10.9.5 Xiamen Zopin New Material Recent Developments

10.10 Shanghai Famous Trade

10.10.1 Shanghai Famous Trade Basic Information

10.10.2 Shanghai Famous Trade Gallium Phosphide Single Crystal Substrate Product Overview

10.10.3 Shanghai Famous Trade Gallium Phosphide Single Crystal Substrate Product Market Performance

10.10.4 Shanghai Famous Trade Business Overview

10.10.5 Shanghai Famous Trade Recent Developments

10.11 Beijing Beike 2D Materials

10.11.1 Beijing Beike 2D Materials Basic Information

10.11.2 Beijing Beike 2D Materials Gallium Phosphide Single Crystal Substrate Product Overview

10.11.3 Beijing Beike 2D Materials Gallium Phosphide Single Crystal Substrate Product Market Performance

10.11.4 Beijing Beike 2D Materials Business Overview

10.11.5 Beijing Beike 2D Materials Recent Developments

10.12 HF-Kejing

10.12.1 HF-Kejing Basic Information

- 10.12.2 HF-Kejing Gallium Phosphide Single Crystal Substrate Product Overview
- 10.12.3 HF-Kejing Gallium Phosphide Single Crystal Substrate Product Market Performance
- 10.12.4 HF-Kejing Business Overview
- 10.12.5 HF-Kejing Recent Developments

11 GALLIUM PHOSPHIDE SINGLE CRYSTAL SUBSTRATE MARKET FORECAST BY REGION

- 11.1 Global Gallium Phosphide Single Crystal Substrate Market Size Forecast
- 11.2 Global Gallium Phosphide Single Crystal Substrate Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country
 - 11.2.3 Asia Pacific Gallium Phosphide Single Crystal Substrate Market Size Forecast by Region
 - 11.2.4 South America Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Gallium Phosphide Single Crystal Substrate by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

- 12.1 Global Gallium Phosphide Single Crystal Substrate Market Forecast by Type (2026-2035)
 - 12.1.1 Global Forecasted Sales of Gallium Phosphide Single Crystal Substrate by Type (2026-2035)
 - 12.1.2 Global Gallium Phosphide Single Crystal Substrate Market Size Forecast by Type (2026-2035)
 - 12.1.3 Global Forecasted Price of Gallium Phosphide Single Crystal Substrate by Type (2026-2035)
- 12.2 Global Gallium Phosphide Single Crystal Substrate Market Forecast by Application (2026-2035)
 - 12.2.1 Global Gallium Phosphide Single Crystal Substrate Sales (K MT) Forecast by Application
 - 12.2.2 Global Gallium Phosphide Single Crystal Substrate Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Gallium Phosphide Single Crystal Substrate Market Size by Type (M USD)

Table 4. Global Gallium Phosphide Single Crystal Substrate Market Size by Application

Table 5. Gallium Phosphide Single Crystal Substrate Market Size Comparison by Region (M USD)

Table 6. Global Gallium Phosphide Single Crystal Substrate Sales (K MT) by Manufacturers (2020-2025)

Table 7. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Gallium Phosphide Single Crystal Substrate Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Gallium Phosphide Single Crystal Substrate Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Gallium Phosphide Single Crystal Substrate as of 2025)

Table 11. Global Market Gallium Phosphide Single Crystal Substrate Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Gallium Phosphide Single Crystal Substrate Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Gallium Phosphide Single Crystal Substrate Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Gallium Phosphide Single Crystal Substrate Sales by Type (K MT)

Table 27. Global Gallium Phosphide Single Crystal Substrate Market Size by Type (M USD)

Table 28. Global Gallium Phosphide Single Crystal Substrate Sales (K MT) by Type (2020-2025)

Table 29. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Type (2020-2025)

Table 30. Global Gallium Phosphide Single Crystal Substrate Market Size (M USD) by Type (2020-2025)

Table 31. Global Gallium Phosphide Single Crystal Substrate Market Share by Type (2020-2025)

Table 32. Global Gallium Phosphide Single Crystal Substrate Price (USD/KG) by Type (2020-2025)

Table 33. Global Gallium Phosphide Single Crystal Substrate Sales (K MT) by Application

Table 34. Global Gallium Phosphide Single Crystal Substrate Market Size by Application

Table 35. Global Gallium Phosphide Single Crystal Substrate Sales by Application (2020-2025) & (K MT)

Table 36. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Application (2020-2025)

Table 37. Global Gallium Phosphide Single Crystal Substrate Market Size by Application (2020-2025) & (M USD)

Table 38. Global Gallium Phosphide Single Crystal Substrate Market Share by Application (2020-2025)

Table 39. Global Gallium Phosphide Single Crystal Substrate Sales Growth Rate by Application (2020-2025)

Table 40. Global Gallium Phosphide Single Crystal Substrate Sales by Region (2020-2025) & (K MT)

Table 41. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Region (2020-2025)

Table 42. Global Gallium Phosphide Single Crystal Substrate Market Size by Region (2020-2025) & (M USD)

Table 43. Global Gallium Phosphide Single Crystal Substrate Market Size by Region (2020-2025)

Table 44. North America Gallium Phosphide Single Crystal Substrate Sales by Country (2020-2025) & (K MT)

Table 45. North America Gallium Phosphide Single Crystal Substrate Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Gallium Phosphide Single Crystal Substrate Sales by Country (2020-2025) & (K MT)

Table 47. Europe Gallium Phosphide Single Crystal Substrate Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Gallium Phosphide Single Crystal Substrate Sales by Region (2020-2025) & (K MT)

Table 49. Asia Pacific Gallium Phosphide Single Crystal Substrate Market Size by Region (2020-2025) & (M USD)

Table 50. South America Gallium Phosphide Single Crystal Substrate Sales by Country (2020-2025) & (K MT)

Table 51. South America Gallium Phosphide Single Crystal Substrate Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Gallium Phosphide Single Crystal Substrate Sales by Region (2020-2025) & (K MT)

Table 53. Middle East and Africa Gallium Phosphide Single Crystal Substrate Market Size by Region (2020-2025) & (M USD)

Table 54. Global Gallium Phosphide Single Crystal Substrate Production (K MT) by Region(2020-2025)

Table 55. Global Gallium Phosphide Single Crystal Substrate Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Gallium Phosphide Single Crystal Substrate Revenue Market Share by Region (2020-2025)

Table 57. Global Gallium Phosphide Single Crystal Substrate Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. North America Gallium Phosphide Single Crystal Substrate Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Europe Gallium Phosphide Single Crystal Substrate Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. Japan Gallium Phosphide Single Crystal Substrate Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. China Gallium Phosphide Single Crystal Substrate Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 62. American Elements Basic Information

Table 63. American Elements Gallium Phosphide Single Crystal Substrate Product Overview

Table 64. American Elements Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. American Elements Business Overview

Table 66. American Elements SWOT Analysis

Table 67. American Elements Recent Developments

Table 68. Nanjing Muke Nano Technology Basic Information

Table 69. Nanjing Muke Nano Technology Gallium Phosphide Single Crystal Substrate Product Overview

Table 70. Nanjing Muke Nano Technology Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 71. Nanjing Muke Nano Technology Business Overview

Table 72. Nanjing Muke Nano Technology SWOT Analysis

Table 73. Nanjing Muke Nano Technology Recent Developments

Table 74. Biotain Crystal Basic Information

Table 75. Biotain Crystal Gallium Phosphide Single Crystal Substrate Product Overview

Table 76. Biotain Crystal Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 77. Biotain Crystal Business Overview

Table 78. Biotain Crystal SWOT Analysis

Table 79. Biotain Crystal Recent Developments

Table 80. Western Minmetals (SC) Corporation Basic Information

Table 81. Western Minmetals (SC) Corporation Gallium Phosphide Single Crystal Substrate Product Overview

Table 82. Western Minmetals (SC) Corporation Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 83. Western Minmetals (SC) Corporation Business Overview

Table 84. Western Minmetals (SC) Corporation Recent Developments

Table 85. Phostec Basic Information

Table 86. Phostec Gallium Phosphide Single Crystal Substrate Product Overview

Table 87. Phostec Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 88. Phostec Business Overview

Table 89. Phostec Recent Developments

Table 90. Beijing Zhongke Yannuo New Material Basic Information

Table 91. Beijing Zhongke Yannuo New Material Gallium Phosphide Single Crystal Substrate Product Overview

Table 92. Beijing Zhongke Yannuo New Material Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 93. Beijing Zhongke Yannuo New Material Business Overview

Table 94. Beijing Zhongke Yannuo New Material Recent Developments

Table 95. Beijing Topvendor Technology Basic Information

Table 96. Beijing Topvendor Technology Gallium Phosphide Single Crystal Substrate Product Overview

Table 97. Beijing Topvendor Technology Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 98. Beijing Topvendor Technology Business Overview

Table 99. Beijing Topvendor Technology Recent Developments

Table 100. Neyco Basic Information

Table 101. Neyco Gallium Phosphide Single Crystal Substrate Product Overview

Table 102. Neyco Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 103. Neyco Business Overview

Table 104. Neyco Recent Developments

Table 105. Xiamen Zopin New Material Basic Information

Table 106. Xiamen Zopin New Material Gallium Phosphide Single Crystal Substrate Product Overview

Table 107. Xiamen Zopin New Material Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 108. Xiamen Zopin New Material Business Overview

Table 109. Xiamen Zopin New Material Recent Developments

Table 110. Shanghai Famous Trade Basic Information

Table 111. Shanghai Famous Trade Gallium Phosphide Single Crystal Substrate Product Overview

Table 112. Shanghai Famous Trade Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 113. Shanghai Famous Trade Business Overview

Table 114. Shanghai Famous Trade Recent Developments

Table 115. Beijing Beike 2D Materials Basic Information

Table 116. Beijing Beike 2D Materials Gallium Phosphide Single Crystal Substrate Product Overview

Table 117. Beijing Beike 2D Materials Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 118. Beijing Beike 2D Materials Business Overview

Table 119. Beijing Beike 2D Materials Recent Developments

Table 120. HF-Kejing Basic Information

Table 121. HF-Kejing Gallium Phosphide Single Crystal Substrate Product Overview

Table 122. HF-Kejing Gallium Phosphide Single Crystal Substrate Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 123. HF-Kejing Business Overview

Table 124. HF-Kejing Recent Developments

Table 125. Global Gallium Phosphide Single Crystal Substrate Sales Forecast by Region (2026-2035) & (K MT)

Table 126. Global Gallium Phosphide Single Crystal Substrate Market Size Forecast by Region (2026-2035) & (M USD)

Table 127. North America Gallium Phosphide Single Crystal Substrate Sales Forecast by Country (2026-2035) & (K MT)

Table 128. North America Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country (2026-2035) & (M USD)

Table 129. Europe Gallium Phosphide Single Crystal Substrate Sales Forecast by Country (2026-2035) & (K MT)

Table 130. Europe Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country (2026-2035) & (M USD)

Table 131. Asia Pacific Gallium Phosphide Single Crystal Substrate Sales Forecast by Region (2026-2035) & (K MT)

Table 132. Asia Pacific Gallium Phosphide Single Crystal Substrate Market Size Forecast by Region (2026-2035) & (M USD)

Table 133. South America Gallium Phosphide Single Crystal Substrate Sales Forecast by Country (2026-2035) & (K MT)

Table 134. South America Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country (2026-2035) & (M USD)

Table 135. Middle East and Africa Gallium Phosphide Single Crystal Substrate Sales Forecast by Country (2026-2035) & (Units)

Table 136. Middle East and Africa Gallium Phosphide Single Crystal Substrate Market Size Forecast by Country (2026-2035) & (M USD)

Table 137. Global Gallium Phosphide Single Crystal Substrate Sales Forecast by Type (2026-2035) & (K MT)

Table 138. Global Gallium Phosphide Single Crystal Substrate Market Size Forecast by Type (2026-2035) & (M USD)

Table 139. Global Gallium Phosphide Single Crystal Substrate Price Forecast by Type (2026-2035) & (USD/KG)

Table 140. Global Gallium Phosphide Single Crystal Substrate Sales (K MT) Forecast by Application (2026-2035)

Table 141. Global Gallium Phosphide Single Crystal Substrate Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Gallium Phosphide Single Crystal Substrate

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Gallium Phosphide Single Crystal Substrate Market Size (M USD), 2025-2035

Figure 5. Global Gallium Phosphide Single Crystal Substrate Market Size (M USD) (2020-2035)

Figure 6. Global Gallium Phosphide Single Crystal Substrate Sales (K MT) & (2020-2035)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Gallium Phosphide Single Crystal Substrate Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Gallium Phosphide Single Crystal Substrate Product Life Cycle

Figure 13. Gallium Phosphide Single Crystal Substrate Sales Share by Manufacturers in 2025

Figure 14. Global Gallium Phosphide Single Crystal Substrate Revenue Share by Manufacturers in 2025

Figure 15. Gallium Phosphide Single Crystal Substrate Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025

Figure 16. Global Market Gallium Phosphide Single Crystal Substrate Average Price (USD/KG) of Key Manufacturers in 2025

Figure 17. The Global 5 and 10 Largest Players: Market Share by Gallium Phosphide Single Crystal Substrate Revenue in 2025

Figure 18. Industry Chain Map of Gallium Phosphide Single Crystal Substrate

Figure 19. Global Gallium Phosphide Single Crystal Substrate Market PEST Analysis

Figure 20. Global Gallium Phosphide Single Crystal Substrate Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 26. Global Gallium Phosphide Single Crystal Substrate Market Share by Type

Figure 27. Sales Market Share of Gallium Phosphide Single Crystal Substrate by Type (2020-2025)

Figure 28. Sales Market Share of Gallium Phosphide Single Crystal Substrate by Type in 2025

Figure 29. Market Share of Gallium Phosphide Single Crystal Substrate by Type (2020-2025)

Figure 30. Market Share of Gallium Phosphide Single Crystal Substrate by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Gallium Phosphide Single Crystal Substrate Market Share by Application

Figure 33. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Application (2020-2025)

Figure 34. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Application in 2025

Figure 35. Global Gallium Phosphide Single Crystal Substrate Market Share by Application (2020-2025)

Figure 36. Global Gallium Phosphide Single Crystal Substrate Market Share by Application in 2025

Figure 37. Global Gallium Phosphide Single Crystal Substrate Sales Growth Rate by Application (2020-2025)

Figure 38. Global Gallium Phosphide Single Crystal Substrate Sales Market Share by Region (2020-2025)

Figure 39. Global Gallium Phosphide Single Crystal Substrate Market Size by Region (2020-2025)

Figure 40. North America Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Gallium Phosphide Single Crystal Substrate Sales Market Share by Country in 2024

Figure 43. North America Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Gallium Phosphide Single Crystal Substrate Market Size by Country in 2024

Figure 45. U.S. Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Gallium Phosphide Single Crystal Substrate Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Gallium Phosphide Single Crystal Substrate Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Gallium Phosphide Single Crystal Substrate Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Gallium Phosphide Single Crystal Substrate Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Gallium Phosphide Single Crystal Substrate Sales Market Share by Country in 2024

Figure 53. Europe Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Gallium Phosphide Single Crystal Substrate Market Size by Country in 2024

Figure 55. Germany Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Gallium Phosphide Single Crystal Substrate Sales Market Share

by Region in 2024

Figure 67. Asia Pacific Gallium Phosphide Single Crystal Substrate Market Size by Region in 2024

Figure 68. China Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (K MT)

Figure 79. South America Gallium Phosphide Single Crystal Substrate Sales Market Share by Country in 2024

Figure 80. South America Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (M USD)

Figure 81. South America Gallium Phosphide Single Crystal Substrate Market Size by Country in 2024

Figure 82. Brazil Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Gallium Phosphide Single Crystal Substrate Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Gallium Phosphide Single Crystal Substrate Market Size by Region in 2024

Figure 92. Saudi Arabia Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Gallium Phosphide Single Crystal Substrate Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Gallium Phosphide Single Crystal Substrate Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Gallium Phosphide Single Crystal Substrate Production Market Share by Region (2020-2025)

Figure 103. North America Gallium Phosphide Single Crystal Substrate Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Gallium Phosphide Single Crystal Substrate Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Gallium Phosphide Single Crystal Substrate Production (K MT)

Growth Rate (2020-2025)

Figure 106. China Gallium Phosphide Single Crystal Substrate Production (K MT)

Growth Rate (2020-2025)

Figure 107. Global Gallium Phosphide Single Crystal Substrate Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Gallium Phosphide Single Crystal Substrate Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Gallium Phosphide Single Crystal Substrate Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Gallium Phosphide Single Crystal Substrate Market Share Forecast by Type (2026-2035)

Figure 111. Global Gallium Phosphide Single Crystal Substrate Sales Forecast by Application (2026-2035)

Figure 112. Global Gallium Phosphide Single Crystal Substrate Market Share Forecast by Application (2026-2035)

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