

Global InP Substrate Material Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GFD856AD2C07EN.html>

Date: August 2026

Pages: 99

Price: US\$ 4,480.00 (Single User License)

ID: GFD856AD2C07EN

Abstracts

The global InP Substrate Material market size is expected to reach \$ 485 million by 2032, rising at a market growth of 5.0% CAGR during the forecast period (2026-2032).

In 2025, the global production of InP substrate material reached approximately 168,000 pcs, with an average global market price of around US\$2,000 per pc. In the same year, the global total production capacity of InP substrate material reached 210,000 pcs. The industry average gross profit margin of this product reached 39%.

InP substrate materials are III-V compound semiconductor single-crystal wafers produced via high-temperature melt growth using high-purity indium (In) and phosphorus (P) as raw materials; they serve as the foundational carrier materials for manufacturing high-frequency, high-speed, and optoelectronic devices. Thanks to its direct bandgap, extremely high electron mobility, and excellent photoelectric conversion efficiency, InP has become a core substrate material for lasers (LDs), optical modulators (EMLs), photodetectors (PDs), and high-speed optical communication chips. Compared to silicon (Si) and gallium arsenide (GaAs), InP offers irreplaceable advantages in the 1.3 μ m-1.55 μ m communication wavelength range, making it widely applicable in data centers, AI computing interconnects, 5G/6G communications, satellite communications, and photonic integrated circuits (PICs).

The InP substrate industry chain comprises three main segments: upstream raw materials, midstream substrate manufacturing, and downstream device applications. The upstream segment primarily involves the supply of high-purity indium, high-purity phosphorus sources, quartz crucibles, and thermal field materials. The midstream segment consists of InP single-crystal growth and wafer processing enterprises; core technologies such as VGF/LEC crystal growth, slicing, polishing, and epitaxy-grade

surface treatment?are concentrated here, with the segment dominated by a small number of companies from Japan, the US, and Europe. The downstream segment covers the manufacturing of optical communication and optoelectronic devices, including laser chips, EML modulators, InP photonic integrated chips, data center optical module manufacturers, as well as LiDAR and high-frequency RF device manufacturers. Overall, the industry chain exhibits a typical semiconductor structure characterized by concentrated upstream resources, extremely high midstream technical barriers, and explosive growth in downstream demand.

InP substrate materials are currently at a critical stage of evolution, transitioning from 'foundational communication materials' to 'core infrastructure materials for AI optical interconnects.' Driven by the surging demand for high-speed optical interconnects in AI computing clusters and the rapid volume expansion of 800G and 1.6T optical modules, demand for InP continues to rise, as it is the only material system capable of efficiently enabling direct laser emission. Meanwhile, the gradual transition of 6-inch InP wafers to mass production is driving down per-chip costs and improving yields, thereby accelerating market penetration in sectors such as data centers, silicon photonic integration, automotive LiDAR, and quantum communications. In the long term, InP is poised to evolve from a 'high-end niche material' into a 'critical semiconductor material for AI infrastructure,' with the industry still in the early stages of rapid growth.

This report studies the global InP Substrate Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for InP Substrate Material and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of InP Substrate Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global InP Substrate Material total production and demand, 2021-2032, (K Pcs)

Global InP Substrate Material total production value, 2021-2032, (USD Million)

Global InP Substrate Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)

Global InP Substrate Material consumption by region & country, CAGR, 2021-2032 & (K Pcs)

U.S. VS China: InP Substrate Material domestic production, consumption, key domestic manufacturers and share

Global InP Substrate Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)

Global InP Substrate Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

Global InP Substrate Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global InP Substrate Material 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 Sumitomo Electric Industries, JX Advanced Metals, AXT Inc., InPact Semicon, Yunnan Germanium, Guangdong Xiandao, Freiburger Compound Materials, Wafer Technology Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World InP Substrate Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (US\$/Pc) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global InP Substrate Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global InP Substrate Material Market, Segmentation by Type:

2-inch InP

3-inch InP

4-inch InP

6-inch InP

Global InP Substrate Material Market, Segmentation by Growth Process:

VGF Method

LEC Method

MOCVD Epitaxy-grade Substrate

Global InP Substrate Material Market, Segmentation by Application:

Space Solar Cells

Deep-space Exploration Power Sources

Scientific Research

Others

Companies Profiled:

Sumitomo Electric Industries

JX Advanced Metals

AXT Inc.

InPact Semicon

Yunnan Germanium

Guangdong Xiandao

Freiberger Compound Materials

Wafer Technology Ltd

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 InP Substrate Material Introduction
- 1.2 World InP Substrate Material Supply & Forecast
 - 1.2.1 World InP Substrate Material Production Value (2021 & 2025 & 2032)
 - 1.2.2 World InP Substrate Material Production (2021-2032)
 - 1.2.3 World InP Substrate Material Pricing Trends (2021-2032)
- 1.3 World InP Substrate Material Production by Region (Based on Production Site)
 - 1.3.1 World InP Substrate Material Production Value by Region (2021-2032)
 - 1.3.2 World InP Substrate Material Production by Region (2021-2032)
 - 1.3.3 World InP Substrate Material Average Price by Region (2021-2032)
 - 1.3.4 North America InP Substrate Material Production (2021-2032)
 - 1.3.5 Europe InP Substrate Material Production (2021-2032)
 - 1.3.6 China InP Substrate Material Production (2021-2032)
 - 1.3.7 Japan InP Substrate Material Production (2021-2032)
 - 1.3.8 India InP Substrate Material Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 InP Substrate Material Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 InP Substrate Material Major Market Trends

2 DEMAND SUMMARY

- 2.1 World InP Substrate Material Demand (2021-2032)
- 2.2 World InP Substrate Material Consumption by Region
 - 2.2.1 World InP Substrate Material Consumption by Region (2021-2026)
 - 2.2.2 World InP Substrate Material Consumption Forecast by Region (2027-2032)
- 2.3 United States InP Substrate Material Consumption (2021-2032)
- 2.4 China InP Substrate Material Consumption (2021-2032)
- 2.5 Europe InP Substrate Material Consumption (2021-2032)
- 2.6 Japan InP Substrate Material Consumption (2021-2032)
- 2.7 South Korea InP Substrate Material Consumption (2021-2032)
- 2.8 ASEAN InP Substrate Material Consumption (2021-2032)
- 2.9 India InP Substrate Material Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World InP Substrate Material Production Value by Manufacturer (2021-2026)
- 3.2 World InP Substrate Material Production by Manufacturer (2021-2026)
- 3.3 World InP Substrate Material Average Price by Manufacturer (2021-2026)
- 3.4 InP Substrate Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global InP Substrate Material Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for InP Substrate Material in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for InP Substrate Material in 2025
- 3.6 InP Substrate Material Market: Overall Company Footprint Analysis
 - 3.6.1 InP Substrate Material Market: Region Footprint
 - 3.6.2 InP Substrate Material Market: Company Product Type Footprint
 - 3.6.3 InP Substrate Material Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: InP Substrate Material Production Value Comparison
 - 4.1.1 United States VS China: InP Substrate Material Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: InP Substrate Material Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: InP Substrate Material Production Comparison
 - 4.2.1 United States VS China: InP Substrate Material Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: InP Substrate Material Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: InP Substrate Material Consumption Comparison
 - 4.3.1 United States VS China: InP Substrate Material Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: InP Substrate Material Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based InP Substrate Material Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based InP Substrate Material Manufacturers, Headquarters and

Production Site (States, Country)

4.4.2 United States Based Manufacturers InP Substrate Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers InP Substrate Material Production (2021-2026)

4.5 China Based InP Substrate Material Manufacturers and Market Share

4.5.1 China Based InP Substrate Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers InP Substrate Material Production Value (2021-2026)

4.5.3 China Based Manufacturers InP Substrate Material Production (2021-2026)

4.6 Rest of World Based InP Substrate Material Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based InP Substrate Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers InP Substrate Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers InP Substrate Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World InP Substrate Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 2-inch InP

5.2.2 3-inch InP

5.2.3 4-inch InP

5.2.4 6-inch InP

5.3 Market Segment by Type

5.3.1 World InP Substrate Material Production by Type (2021-2032)

5.3.2 World InP Substrate Material Production Value by Type (2021-2032)

5.3.3 World InP Substrate Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY GROWTH PROCESS

6.1 World InP Substrate Material Market Size Overview by Growth Process: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Growth Process

- 6.2.1 VGF Method
- 6.2.2 LEC Method
- 6.2.3 MOCVD Epitaxy-grade Substrate
- 6.3 Market Segment by Growth Process
 - 6.3.1 World InP Substrate Material Production by Growth Process (2021-2032)
 - 6.3.2 World InP Substrate Material Production Value by Growth Process (2021-2032)
 - 6.3.3 World InP Substrate Material Average Price by Growth Process (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

- 7.1 World InP Substrate Material Market Size Overview by Application: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Application
 - 7.2.1 Space Solar Cells
 - 7.2.2 Deep-space Exploration Power Sources
 - 7.2.3 Scientific Research
 - 7.2.4 Others
- 7.3 Market Segment by Application
 - 7.3.1 World InP Substrate Material Production by Application (2021-2032)
 - 7.3.2 World InP Substrate Material Production Value by Application (2021-2032)
 - 7.3.3 World InP Substrate Material Average Price by Application (2021-2032)

8 COMPANY PROFILES

- 8.1 Sumitomo Electric Industries
 - 8.1.1 Sumitomo Electric Industries Details
 - 8.1.2 Sumitomo Electric Industries Major Business
 - 8.1.3 Sumitomo Electric Industries InP Substrate Material Product and Services
 - 8.1.4 Sumitomo Electric Industries InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.1.5 Sumitomo Electric Industries Recent Developments/Updates
 - 8.1.6 Sumitomo Electric Industries Competitive Strengths & Weaknesses
- 8.2 JX Advanced Metals
 - 8.2.1 JX Advanced Metals Details
 - 8.2.2 JX Advanced Metals Major Business
 - 8.2.3 JX Advanced Metals InP Substrate Material Product and Services
 - 8.2.4 JX Advanced Metals InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.2.5 JX Advanced Metals Recent Developments/Updates

8.2.6 JX Advanced Metals Competitive Strengths & Weaknesses

8.3 AXT Inc.

8.3.1 AXT Inc. Details

8.3.2 AXT Inc. Major Business

8.3.3 AXT Inc. InP Substrate Material Product and Services

8.3.4 AXT Inc. InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.3.5 AXT Inc. Recent Developments/Updates

8.3.6 AXT Inc. Competitive Strengths & Weaknesses

8.4 InPact Semicon

8.4.1 InPact Semicon Details

8.4.2 InPact Semicon Major Business

8.4.3 InPact Semicon InP Substrate Material Product and Services

8.4.4 InPact Semicon InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.4.5 InPact Semicon Recent Developments/Updates

8.4.6 InPact Semicon Competitive Strengths & Weaknesses

8.5 Yunnan Germanium

8.5.1 Yunnan Germanium Details

8.5.2 Yunnan Germanium Major Business

8.5.3 Yunnan Germanium InP Substrate Material Product and Services

8.5.4 Yunnan Germanium InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.5.5 Yunnan Germanium Recent Developments/Updates

8.5.6 Yunnan Germanium Competitive Strengths & Weaknesses

8.6 Guangdong Xiandao

8.6.1 Guangdong Xiandao Details

8.6.2 Guangdong Xiandao Major Business

8.6.3 Guangdong Xiandao InP Substrate Material Product and Services

8.6.4 Guangdong Xiandao InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.6.5 Guangdong Xiandao Recent Developments/Updates

8.6.6 Guangdong Xiandao Competitive Strengths & Weaknesses

8.7 Freiburger Compound Materials

8.7.1 Freiburger Compound Materials Details

8.7.2 Freiburger Compound Materials Major Business

8.7.3 Freiburger Compound Materials InP Substrate Material Product and Services

8.7.4 Freiburger Compound Materials InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.7.5 Freiberger Compound Materials Recent Developments/Updates

8.7.6 Freiberger Compound Materials Competitive Strengths & Weaknesses

8.8 Wafer Technology Ltd

8.8.1 Wafer Technology Ltd Details

8.8.2 Wafer Technology Ltd Major Business

8.8.3 Wafer Technology Ltd InP Substrate Material Product and Services

8.8.4 Wafer Technology Ltd InP Substrate Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.8.5 Wafer Technology Ltd Recent Developments/Updates

8.8.6 Wafer Technology Ltd Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

9.1 InP Substrate Material Industry Chain

9.2 InP Substrate Material Upstream Analysis

9.2.1 InP Substrate Material Core Raw Materials

9.2.2 Main Manufacturers of InP Substrate Material Core Raw Materials

9.3 Midstream Analysis

9.4 Downstream Analysis

9.5 InP Substrate Material Production Mode

9.6 InP Substrate Material Procurement Model

9.7 InP Substrate Material Industry Sales Model and Sales Channels

9.7.1 InP Substrate Material Sales Model

9.7.2 InP Substrate Material Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World InP Substrate Material Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World InP Substrate Material Production Value by Region (2021-2026) & (USD Million)

Table 3. World InP Substrate Material Production Value by Region (2027-2032) & (USD Million)

Table 4. World InP Substrate Material Production Value Market Share by Region (2021-2026)

Table 5. World InP Substrate Material Production Value Market Share by Region (2027-2032)

Table 6. World InP Substrate Material Production by Region (2021-2026) & (K Pcs)

Table 7. World InP Substrate Material Production by Region (2027-2032) & (K Pcs)

Table 8. World InP Substrate Material Production Market Share by Region (2021-2026)

Table 9. World InP Substrate Material Production Market Share by Region (2027-2032)

Table 10. World InP Substrate Material Average Price by Region (2021-2026) & (US\$/Pc)

Table 11. World InP Substrate Material Average Price by Region (2027-2032) & (US\$/Pc)

Table 12. InP Substrate Material Major Market Trends

Table 13. World InP Substrate Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Pcs)

Table 14. World InP Substrate Material Consumption by Region (2021-2026) & (K Pcs)

Table 15. World InP Substrate Material Consumption Forecast by Region (2027-2032) & (K Pcs)

Table 16. World InP Substrate Material Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key InP Substrate Material Producers in 2025

Table 18. World InP Substrate Material Production by Manufacturer (2021-2026) & (K Pcs)

Table 19. Production Market Share of Key InP Substrate Material Producers in 2025

Table 20. World InP Substrate Material Average Price by Manufacturer (2021-2026) & (US\$/Pc)

Table 21. Global InP Substrate Material Company Evaluation Quadrant

Table 22. World InP Substrate Material Industry Rank of Major Manufacturers, Based

on Production Value in 2025

Table 23. Head Office and InP Substrate Material Production Site of Key Manufacturer

Table 24. InP Substrate Material Market: Company Product Type Footprint

Table 25. InP Substrate Material Market: Company Product Application Footprint

Table 26. InP Substrate Material Competitive Factors

Table 27. InP Substrate Material New Entrant and Capacity Expansion Plans

Table 28. InP Substrate Material Mergers & Acquisitions Activity

Table 29. United States VS China InP Substrate Material Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China InP Substrate Material Production Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 31. United States VS China InP Substrate Material Consumption Comparison, (2021 & 2025 & 2032) & (K Pcs)

Table 32. United States Based InP Substrate Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers InP Substrate Material Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers InP Substrate Material Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers InP Substrate Material Production (2021-2026) & (K Pcs)

Table 36. United States Based Manufacturers InP Substrate Material Production Market Share (2021-2026)

Table 37. China Based InP Substrate Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers InP Substrate Material Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers InP Substrate Material Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers InP Substrate Material Production, (2021-2026) & (K Pcs)

Table 41. China Based Manufacturers InP Substrate Material Production Market Share (2021-2026)

Table 42. Rest of World Based InP Substrate Material Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers InP Substrate Material Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers InP Substrate Material Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers InP Substrate Material Production, (2021-2026) & (K Pcs)

Table 46. Rest of World Based Manufacturers InP Substrate Material Production Market Share (2021-2026)

Table 47. World InP Substrate Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World InP Substrate Material Production by Type (2021-2026) & (K Pcs)

Table 49. World InP Substrate Material Production by Type (2027-2032) & (K Pcs)

Table 50. World InP Substrate Material Production Value by Type (2021-2026) & (USD Million)

Table 51. World InP Substrate Material Production Value by Type (2027-2032) & (USD Million)

Table 52. World InP Substrate Material Average Price by Type (2021-2026) & (US\$/Pc)

Table 53. World InP Substrate Material Average Price by Type (2027-2032) & (US\$/Pc)

Table 54. World InP Substrate Material Production Value by Growth Process, (USD Million), 2021 & 2025 & 2032

Table 55. World InP Substrate Material Production by Growth Process (2021-2026) & (K Pcs)

Table 56. World InP Substrate Material Production by Growth Process (2027-2032) & (K Pcs)

Table 57. World InP Substrate Material Production Value by Growth Process (2021-2026) & (USD Million)

Table 58. World InP Substrate Material Production Value by Growth Process (2027-2032) & (USD Million)

Table 59. World InP Substrate Material Average Price by Growth Process (2021-2026) & (US\$/Pc)

Table 60. World InP Substrate Material Average Price by Growth Process (2027-2032) & (US\$/Pc)

Table 61. World InP Substrate Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World InP Substrate Material Production by Application (2021-2026) & (K Pcs)

Table 63. World InP Substrate Material Production by Application (2027-2032) & (K Pcs)

Table 64. World InP Substrate Material Production Value by Application (2021-2026) & (USD Million)

Table 65. World InP Substrate Material Production Value by Application (2027-2032) & (USD Million)

Table 66. World InP Substrate Material Average Price by Application (2021-2026) &

(US\$/Pc)

Table 67. World InP Substrate Material Average Price by Application (2027-2032) & (US\$/Pc)

Table 68. Sumitomo Electric Industries Basic Information, Manufacturing Base and Competitors

Table 69. Sumitomo Electric Industries Major Business

Table 70. Sumitomo Electric Industries InP Substrate Material Product and Services

Table 71. Sumitomo Electric Industries InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Sumitomo Electric Industries Recent Developments/Updates

Table 73. Sumitomo Electric Industries Competitive Strengths & Weaknesses

Table 74. JX Advanced Metals Basic Information, Manufacturing Base and Competitors

Table 75. JX Advanced Metals Major Business

Table 76. JX Advanced Metals InP Substrate Material Product and Services

Table 77. JX Advanced Metals InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. JX Advanced Metals Recent Developments/Updates

Table 79. JX Advanced Metals Competitive Strengths & Weaknesses

Table 80. AXT Inc. Basic Information, Manufacturing Base and Competitors

Table 81. AXT Inc. Major Business

Table 82. AXT Inc. InP Substrate Material Product and Services

Table 83. AXT Inc. InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. AXT Inc. Recent Developments/Updates

Table 85. AXT Inc. Competitive Strengths & Weaknesses

Table 86. InPact Semicon Basic Information, Manufacturing Base and Competitors

Table 87. InPact Semicon Major Business

Table 88. InPact Semicon InP Substrate Material Product and Services

Table 89. InPact Semicon InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. InPact Semicon Recent Developments/Updates

Table 91. InPact Semicon Competitive Strengths & Weaknesses

Table 92. Yunnan Germanium Basic Information, Manufacturing Base and Competitors

Table 93. Yunnan Germanium Major Business

Table 94. Yunnan Germanium InP Substrate Material Product and Services

Table 95. Yunnan Germanium InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Yunnan Germanium Recent Developments/Updates

Table 97. Yunnan Germanium Competitive Strengths & Weaknesses

Table 98. Guangdong Xiandao Basic Information, Manufacturing Base and Competitors
Table 99. Guangdong Xiandao Major Business
Table 100. Guangdong Xiandao InP Substrate Material Product and Services
Table 101. Guangdong Xiandao InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 102. Guangdong Xiandao Recent Developments/Updates
Table 103. Guangdong Xiandao Competitive Strengths & Weaknesses
Table 104. Freiburger Compound Materials Basic Information, Manufacturing Base and Competitors
Table 105. Freiburger Compound Materials Major Business
Table 106. Freiburger Compound Materials InP Substrate Material Product and Services
Table 107. Freiburger Compound Materials InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 108. Freiburger Compound Materials Recent Developments/Updates
Table 109. Freiburger Compound Materials Competitive Strengths & Weaknesses
Table 110. Wafer Technology Ltd Basic Information, Manufacturing Base and Competitors
Table 111. Wafer Technology Ltd Major Business
Table 112. Wafer Technology Ltd InP Substrate Material Product and Services
Table 113. Wafer Technology Ltd InP Substrate Material Production (K Pcs), Price (US\$/Pc), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 114. Wafer Technology Ltd Recent Developments/Updates
Table 115. Wafer Technology Ltd Competitive Strengths & Weaknesses
Table 116. Global Key Players of InP Substrate Material Upstream (Raw Materials)
Table 117. Global InP Substrate Material Typical Customers
Table 118. InP Substrate Material Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. InP Substrate Material Picture

Figure 2. World InP Substrate Material Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World InP Substrate Material Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 5. World InP Substrate Material Average Price (2021-2032) & (US\$/Pc)

Figure 6. World InP Substrate Material Production Value Market Share by Region (2021-2032)

Figure 7. World InP Substrate Material Production Market Share by Region (2021-2032)

Figure 8. North America InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 9. Europe InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 10. China InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 11. Japan InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 12. India InP Substrate Material Production (2021-2032) & (K Pcs)

Figure 13. InP Substrate Material Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 16. World InP Substrate Material Consumption Market Share by Region (2021-2032)

Figure 17. United States InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 18. China InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 19. Europe InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 20. Japan InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 21. South Korea InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 22. ASEAN InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 23. India InP Substrate Material Consumption (2021-2032) & (K Pcs)

Figure 24. Producer Shipments of InP Substrate Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for InP Substrate Material Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for InP Substrate Material Markets in 2025

Figure 27. United States VS China: InP Substrate Material Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: InP Substrate Material Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: InP Substrate Material Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers InP Substrate Material Production Market Share 2025

Figure 31. China Based Manufacturers InP Substrate Material Production Market Share 2025

Figure 32. Rest of World Based Manufacturers InP Substrate Material Production Market Share 2025

Figure 33. World InP Substrate Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World InP Substrate Material Production Value Market Share by Type in 2025

Figure 35. 2-inch InP

Figure 36. 3-inch InP

Figure 37. 4-inch InP

Figure 38. 6-inch InP

Figure 39. World InP Substrate Material Production Market Share by Type (2021-2032)

Figure 40. World InP Substrate Material Production Value Market Share by Type (2021-2032)

Figure 41. World InP Substrate Material Average Price by Type (2021-2032) & (US\$/Pc)

Figure 42. World InP Substrate Material Production Value by Growth Process, (USD Million), 2021 & 2025 & 2032

Figure 43. World InP Substrate Material Production Value Market Share by Growth Process in 2025

Figure 44. VGF Method

Figure 45. LEC Method

Figure 46. MOCVD Epitaxy-grade Substrate

Figure 47. World InP Substrate Material Production Market Share by Growth Process (2021-2032)

Figure 48. World InP Substrate Material Production Value Market Share by Growth Process (2021-2032)

Figure 49. World InP Substrate Material Average Price by Growth Process (2021-2032) & (US\$/Pc)

Figure 50. World InP Substrate Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 51. World InP Substrate Material Production Value Market Share by Application in 2025

Figure 52. Space Solar Cells

Figure 53. Deep-space Exploration Power Sources

Figure 54. Scientific Research

Figure 55. Others

Figure 56. World InP Substrate Material Production Market Share by Application (2021-2032)

Figure 57. World InP Substrate Material Production Value Market Share by Application (2021-2032)

Figure 58. World InP Substrate Material Average Price by Application (2021-2032) & (US\$/Pc)

Figure 59. InP Substrate Material Industry Chain

Figure 60. InP Substrate Material Procurement Model

Figure 61. InP Substrate Material Sales Model

Figure 62. InP Substrate Material Sales Channels, Direct Sales, and Distribution

Figure 63. Methodology

Figure 64. Research Process and Data Source

I would like to order

Product name: Global InP Substrate Material Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GFD856AD2C07EN.html>

Price: US\$ 4,480.00 (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/GFD856AD2C07EN.html>