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Global Flat Panel Display (FPD) Glass Substrate Market Growth 2025-2031

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global PPLN Waveguide Chips market size is predicted to grow from US$ million in 2025 to US$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US$142.1 billion, up 17.0% year-on-year, sales in Europe were US$53.8 billion, up 12.6% year-on-year, and sales in Japan were US$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US$336.2 billion, down 2.0% year-on-year.

LP Information, Inc. (LPI) ' newest research report, the “PPLN Waveguide Chips Industry Forecast” looks at past sales and reviews total world PPLN Waveguide Chips sales in 2024, providing a comprehensive analysis by region and market sector of projected PPLN Waveguide Chips sales for 2025 through 2031. With PPLN Waveguide Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world PPLN Waveguide Chips industry.

This Insight Report provides a comprehensive analysis of the global PPLN Waveguide

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Chips landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PPLN Waveguide Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PPLN Waveguide Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PPLN Waveguide Chips and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PPLN Waveguide Chips.

This report presents a comprehensive overview, market shares, and growth opportunities of PPLN Waveguide Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Proton in-diffused (RPE) Waveguides

Ridge-Waveguides

Segmentation by Application:

5G Communication

Big Data Processing

Others

This report also splits the market by region:

Americas

United States

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- Canada
- Mexico
- Brazil

APAC

- China
- Japan
- Korea
- Southeast Asia
- India
- Australia

Europe

- Germany
- France
- UK
- Italy
- Russia

Middle East & Africa

- Egypt
- South Africa

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Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

HC Photonics (HCP)

Covesion

GWU-Lasertechnik

Optilab

Yichidianzi

AdvR

Key Questions Addressed in this Report

What is the 10-year outlook for the global PPLN Waveguide Chips market?

What factors are driving PPLN Waveguide Chips market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PPLN Waveguide Chips market opportunities vary by end market size?

How does PPLN Waveguide Chips break out by Type, by Application?

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Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Flat Panel Display (FPD) Glass Substrate Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for Flat Panel Display (FPD) Glass Substrate by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for Flat Panel Display (FPD) Glass Substrate by Country/Region, 2020, 2024 & 2031
2.2 Flat Panel Display (FPD) Glass Substrate Segment by Type
  2.2.1 High Heat-resistant and Low Thermal Compaction Glass Substrate
  2.2.2 Alkali-free Glass Substrate
2.3 Flat Panel Display (FPD) Glass Substrate Sales by Type
  2.3.1 Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
  2.3.2 Global Flat Panel Display (FPD) Glass Substrate Revenue and Market Share by Type (2020-2025)
  2.3.3 Global Flat Panel Display (FPD) Glass Substrate Sale Price by Type (2020-2025)
2.4 Flat Panel Display (FPD) Glass Substrate Segment by Application
  2.4.1 Liquid Crystal Display
  2.4.2 OLED Display
2.5 Flat Panel Display (FPD) Glass Substrate Sales by Application
  2.5.1 Global Flat Panel Display (FPD) Glass Substrate Sale Market Share by Application (2020-2025)
  2.5.2 Global Flat Panel Display (FPD) Glass Substrate Revenue and Market Share by Application (2020-2025)

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2.5.3 Global Flat Panel Display (FPD) Glass Substrate Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Flat Panel Display (FPD) Glass Substrate Breakdown Data by Company
3.1.1 Global Flat Panel Display (FPD) Glass Substrate Annual Sales by Company (2020-2025)
3.1.2 Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Company (2020-2025)
3.2 Global Flat Panel Display (FPD) Glass Substrate Annual Revenue by Company (2020-2025)
3.2.1 Global Flat Panel Display (FPD) Glass Substrate Revenue by Company (2020-2025)
3.2.2 Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Company (2020-2025)
3.3 Global Flat Panel Display (FPD) Glass Substrate Sale Price by Company
3.4 Key Manufacturers Flat Panel Display (FPD) Glass Substrate Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Flat Panel Display (FPD) Glass Substrate Product Location Distribution
3.4.2 Players Flat Panel Display (FPD) Glass Substrate Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR FLAT PANEL DISPLAY (FPD) GLASS SUBSTRATE BY GEOGRAPHIC REGION

4.1 World Historic Flat Panel Display (FPD) Glass Substrate Market Size by Geographic Region (2020-2025)
4.1.1 Global Flat Panel Display (FPD) Glass Substrate Annual Sales by Geographic Region (2020-2025)
4.1.2 Global Flat Panel Display (FPD) Glass Substrate Annual Revenue by Geographic Region (2020-2025)
4.2 World Historic Flat Panel Display (FPD) Glass Substrate Market Size by Country/Region (2020-2025)

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4.2.1 Global Flat Panel Display (FPD) Glass Substrate Annual Sales by Country/Region (2020-2025)
4.2.2 Global Flat Panel Display (FPD) Glass Substrate Annual Revenue by Country/Region (2020-2025)
4.3 Americas Flat Panel Display (FPD) Glass Substrate Sales Growth
4.4 APAC Flat Panel Display (FPD) Glass Substrate Sales Growth
4.5 Europe Flat Panel Display (FPD) Glass Substrate Sales Growth
4.6 Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales Growth

5 AMERICAS

5.1 Americas Flat Panel Display (FPD) Glass Substrate Sales by Country
5.1.1 Americas Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025)
5.1.2 Americas Flat Panel Display (FPD) Glass Substrate Revenue by Country (2020-2025)
5.2 Americas Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025)
5.3 Americas Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Flat Panel Display (FPD) Glass Substrate Sales by Region
6.1.1 APAC Flat Panel Display (FPD) Glass Substrate Sales by Region (2020-2025)
6.1.2 APAC Flat Panel Display (FPD) Glass Substrate Revenue by Region (2020-2025)
6.2 APAC Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025)
6.3 APAC Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

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7 EUROPE

7.1 Europe Flat Panel Display (FPD) Glass Substrate by Country
7.1.1 Europe Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025)
7.1.2 Europe Flat Panel Display (FPD) Glass Substrate Revenue by Country (2020-2025)
7.2 Europe Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025)
7.3 Europe Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Flat Panel Display (FPD) Glass Substrate by Country
8.1.1 Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025)
8.1.2 Middle East & Africa Flat Panel Display (FPD) Glass Substrate Revenue by Country (2020-2025)
8.2 Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025)
8.3 Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

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10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Flat Panel Display (FPD) Glass Substrate
10.3 Manufacturing Process Analysis of Flat Panel Display (FPD) Glass Substrate
10.4 Industry Chain Structure of Flat Panel Display (FPD) Glass Substrate

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Flat Panel Display (FPD) Glass Substrate Distributors
11.3 Flat Panel Display (FPD) Glass Substrate Customer

12 WORLD FORECAST REVIEW FOR FLAT PANEL DISPLAY (FPD) GLASS SUBSTRATE BY GEOGRAPHIC REGION

12.1 Global Flat Panel Display (FPD) Glass Substrate Market Size Forecast by Region
  12.1.1 Global Flat Panel Display (FPD) Glass Substrate Forecast by Region (2026-2031)
  12.1.2 Global Flat Panel Display (FPD) Glass Substrate Annual Revenue Forecast by Region (2026-2031)
12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)
12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global Flat Panel Display (FPD) Glass Substrate Forecast by Type (2026-2031)
12.7 Global Flat Panel Display (FPD) Glass Substrate Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Nippon Electric Glass
  13.1.1 Nippon Electric Glass Company Information
  13.1.2 Nippon Electric Glass Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
  13.1.3 Nippon Electric Glass Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)

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13.1.4 Nippon Electric Glass Main Business Overview
13.1.5 Nippon Electric Glass Latest Developments
13.2 Corning
13.2.1 Corning Company Information
13.2.2 Corning Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.2.3 Corning Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.2.4 Corning Main Business Overview
13.2.5 Corning Latest Developments
13.3 AGC
13.3.1 AGC Company Information
13.3.2 AGC Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.3.3 AGC Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.3.4 AGC Main Business Overview
13.3.5 AGC Latest Developments
13.4 NEG
13.4.1 NEG Company Information
13.4.2 NEG Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.4.3 NEG Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 NEG Main Business Overview
13.4.5 NEG Latest Developments
13.5 Tunghsu Optoelectronic
13.5.1 Tunghsu Optoelectronic Company Information
13.5.2 Tunghsu Optoelectronic Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.5.3 Tunghsu Optoelectronic Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 Tunghsu Optoelectronic Main Business Overview
13.5.5 Tunghsu Optoelectronic Latest Developments
13.6 AvanStrate
13.6.1 AvanStrate Company Information
13.6.2 AvanStrate Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.6.3 AvanStrate Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price

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and Gross Margin (2020-2025)
13.6.4 AvanStrate Main Business Overview
13.6.5 AvanStrate Latest Developments
13.7 IRICO Group
13.7.1 IRICO Group Company Information
13.7.2 IRICO Group Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.7.3 IRICO Group Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 IRICO Group Main Business Overview
13.7.5 IRICO Group Latest Developments
13.8 CGC
13.8.1 CGC Company Information
13.8.2 CGC Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.8.3 CGC Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.8.4 CGC Main Business Overview
13.8.5 CGC Latest Developments
13.9 LG Chem
13.9.1 LG Chem Company Information
13.9.2 LG Chem Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
13.9.3 LG Chem Flat Panel Display (FPD) Glass Substrate Sales, Revenue, Price and Gross Margin (2020-2025)
13.9.4 LG Chem Main Business Overview
13.9.5 LG Chem Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

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List Of Tables

LIST OF TABLES

Table 1. Flat Panel Display (FPD) Glass Substrate Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. Flat Panel Display (FPD) Glass Substrate Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of High Heat-resistant and Low Thermal Compaction Glass Substrate
Table 4. Major Players of Alkali-free Glass Substrate
Table 5. Global Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025) & (K Units)
Table 6. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
Table 7. Global Flat Panel Display (FPD) Glass Substrate Revenue by Type (2020-2025) & ($ million)
Table 8. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Type (2020-2025)
Table 9. Global Flat Panel Display (FPD) Glass Substrate Sale Price by Type (2020-2025) & (US$/Unit)
Table 10. Global Flat Panel Display (FPD) Glass Substrate Sale by Application (2020-2025) & (K Units)
Table 11. Global Flat Panel Display (FPD) Glass Substrate Sale Market Share by Application (2020-2025)
Table 12. Global Flat Panel Display (FPD) Glass Substrate Revenue by Application (2020-2025) & ($ million)
Table 13. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Application (2020-2025)
Table 14. Global Flat Panel Display (FPD) Glass Substrate Sale Price by Application (2020-2025) & (US$/Unit)
Table 15. Global Flat Panel Display (FPD) Glass Substrate Sales by Company (2020-2025) & (K Units)
Table 16. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Company (2020-2025)
Table 17. Global Flat Panel Display (FPD) Glass Substrate Revenue by Company (2020-2025) & ($ millions)
Table 18. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Company (2020-2025)

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Table 19. Global Flat Panel Display (FPD) Glass Substrate Sale Price by Company (2020-2025) & (US$/Unit)
Table 20. Key Manufacturers Flat Panel Display (FPD) Glass Substrate Producing Area Distribution and Sales Area
Table 21. Players Flat Panel Display (FPD) Glass Substrate Products Offered
Table 22. Flat Panel Display (FPD) Glass Substrate Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Flat Panel Display (FPD) Glass Substrate Sales by Geographic Region (2020-2025) & (K Units)
Table 26. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share Geographic Region (2020-2025)
Table 27. Global Flat Panel Display (FPD) Glass Substrate Revenue by Geographic Region (2020-2025) & ($ millions)
Table 28. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Geographic Region (2020-2025)
Table 29. Global Flat Panel Display (FPD) Glass Substrate Sales by Country/Region (2020-2025) & (K Units)
Table 30. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country/Region (2020-2025)
Table 31. Global Flat Panel Display (FPD) Glass Substrate Revenue by Country/Region (2020-2025) & ($ millions)
Table 32. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Country/Region (2020-2025)
Table 33. Americas Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025) & (K Units)
Table 34. Americas Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country (2020-2025)
Table 35. Americas Flat Panel Display (FPD) Glass Substrate Revenue by Country (2020-2025) & ($ millions)
Table 36. Americas Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025) & (K Units)
Table 37. Americas Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025) & (K Units)
Table 38. APAC Flat Panel Display (FPD) Glass Substrate Sales by Region (2020-2025) & (K Units)
Table 39. APAC Flat Panel Display (FPD) Glass Substrate Sales Market Share by Region (2020-2025)

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Table 40. APAC Flat Panel Display (FPD) Glass Substrate Revenue by Region (2020-2025) & ($ millions)
Table 41. APAC Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025) & (K Units)
Table 42. APAC Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025) & (K Units)
Table 43. Europe Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025) & (K Units)
Table 44. Europe Flat Panel Display (FPD) Glass Substrate Revenue by Country (2020-2025) & ($ millions)
Table 45. Europe Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025) & (K Units)
Table 46. Europe Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025) & (K Units)
Table 47. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Country (2020-2025) & (K Units)
Table 48. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Type (2020-2025) & (K Units)
Table 50. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales by Application (2020-2025) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Flat Panel Display (FPD) Glass Substrate
Table 52. Key Market Challenges & Risks of Flat Panel Display (FPD) Glass Substrate
Table 53. Key Industry Trends of Flat Panel Display (FPD) Glass Substrate
Table 54. Flat Panel Display (FPD) Glass Substrate Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Flat Panel Display (FPD) Glass Substrate Distributors List
Table 57. Flat Panel Display (FPD) Glass Substrate Customer List
Table 58. Global Flat Panel Display (FPD) Glass Substrate Sales Forecast by Region (2026-2031) & (K Units)
Table 59. Global Flat Panel Display (FPD) Glass Substrate Revenue Forecast by Region (2026-2031) & ($ millions)
Table 60. Americas Flat Panel Display (FPD) Glass Substrate Sales Forecast by Country (2026-2031) & (K Units)
Table 61. Americas Flat Panel Display (FPD) Glass Substrate Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 62. APAC Flat Panel Display (FPD) Glass Substrate Sales Forecast by Region

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info@marketpublishers.com

(2026-2031) & (K Units)
Table 63. APAC Flat Panel Display (FPD) Glass Substrate Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 64. Europe Flat Panel Display (FPD) Glass Substrate Sales Forecast by Country (2026-2031) & (K Units)
Table 65. Europe Flat Panel Display (FPD) Glass Substrate Revenue Forecast by Country (2026-2031) & ($ millions)
Table 66. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales Forecast by Country (2026-2031) & (K Units)
Table 67. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Revenue Forecast by Country (2026-2031) & ($ millions)
Table 68. Global Flat Panel Display (FPD) Glass Substrate Sales Forecast by Type (2026-2031) & (K Units)
Table 69. Global Flat Panel Display (FPD) Glass Substrate Revenue Forecast by Type (2026-2031) & ($ millions)
Table 70. Global Flat Panel Display (FPD) Glass Substrate Sales Forecast by Application (2026-2031) & (K Units)
Table 71. Global Flat Panel Display (FPD) Glass Substrate Revenue Forecast by Application (2026-2031) & ($ millions)
Table 72. Nippon Electric Glass Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 73. Nippon Electric Glass Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 74. Nippon Electric Glass Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 75. Nippon Electric Glass Main Business
Table 76. Nippon Electric Glass Latest Developments
Table 77. Corning Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 78. Corning Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 79. Corning Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 80. Corning Main Business
Table 81. Corning Latest Developments
Table 82. AGC Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 83. AGC Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications

+357 96 030922
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Table 84. AGC Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 85. AGC Main Business
Table 86. AGC Latest Developments
Table 87. NEG Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 88. NEG Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 89. NEG Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 90. NEG Main Business
Table 91. NEG Latest Developments
Table 92. Tunghsu Optoelectronic Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 93. Tunghsu Optoelectronic Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 94. Tunghsu Optoelectronic Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 95. Tunghsu Optoelectronic Main Business
Table 96. Tunghsu Optoelectronic Latest Developments
Table 97. AvanStrate Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 98. AvanStrate Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 99. AvanStrate Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 100. AvanStrate Main Business
Table 101. AvanStrate Latest Developments
Table 102. IRICO Group Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 103. IRICO Group Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 104. IRICO Group Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 105. IRICO Group Main Business
Table 106. IRICO Group Latest Developments
Table 107. CGC Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 108. CGC Flat Panel Display (FPD) Glass Substrate Product Portfolios and

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Specifications
Table 109. CGC Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 110. CGC Main Business
Table 111. CGC Latest Developments
Table 112. LG Chem Basic Information, Flat Panel Display (FPD) Glass Substrate Manufacturing Base, Sales Area and Its Competitors
Table 113. LG Chem Flat Panel Display (FPD) Glass Substrate Product Portfolios and Specifications
Table 114. LG Chem Flat Panel Display (FPD) Glass Substrate Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 115. LG Chem Main Business
Table 116. LG Chem Latest Developments

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List Of Figures

LIST OF FIGURES

Figure 1. Picture of Flat Panel Display (FPD) Glass Substrate
Figure 2. Flat Panel Display (FPD) Glass Substrate Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Flat Panel Display (FPD) Glass Substrate Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global Flat Panel Display (FPD) Glass Substrate Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. Flat Panel Display (FPD) Glass Substrate Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country/Region (2024)
Figure 10. Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of High Heat-resistant and Low Thermal Compaction Glass Substrate
Figure 12. Product Picture of Alkali-free Glass Substrate
Figure 13. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type in 2025
Figure 14. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Type (2020-2025)
Figure 15. Flat Panel Display (FPD) Glass Substrate Consumed in Liquid Crystal Display
Figure 16. Global Flat Panel Display (FPD) Glass Substrate Market: Liquid Crystal Display (2020-2025) & (K Units)
Figure 17. Flat Panel Display (FPD) Glass Substrate Consumed in OLED Display
Figure 18. Global Flat Panel Display (FPD) Glass Substrate Market: OLED Display (2020-2025) & (K Units)
Figure 19. Global Flat Panel Display (FPD) Glass Substrate Sale Market Share by Application (2024)
Figure 20. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Application in 2025
Figure 21. Flat Panel Display (FPD) Glass Substrate Sales by Company in 2025 (K Units)

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Figure 22. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Company in 2025
Figure 23. Flat Panel Display (FPD) Glass Substrate Revenue by Company in 2025 ($ millions)
Figure 24. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Company in 2025
Figure 25. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share by Geographic Region (2020-2025)
Figure 26. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Geographic Region in 2025
Figure 27. Americas Flat Panel Display (FPD) Glass Substrate Sales 2020-2025 (K Units)
Figure 28. Americas Flat Panel Display (FPD) Glass Substrate Revenue 2020-2025 ($ millions)
Figure 29. APAC Flat Panel Display (FPD) Glass Substrate Sales 2020-2025 (K Units)
Figure 30. APAC Flat Panel Display (FPD) Glass Substrate Revenue 2020-2025 ($ millions)
Figure 31. Europe Flat Panel Display (FPD) Glass Substrate Sales 2020-2025 (K Units)
Figure 32. Europe Flat Panel Display (FPD) Glass Substrate Revenue 2020-2025 ($ millions)
Figure 33. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales 2020-2025 (K Units)
Figure 34. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Revenue 2020-2025 ($ millions)
Figure 35. Americas Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country in 2025
Figure 36. Americas Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Country (2020-2025)
Figure 37. Americas Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
Figure 38. Americas Flat Panel Display (FPD) Glass Substrate Sales Market Share by Application (2020-2025)
Figure 39. United States Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 40. Canada Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 41. Mexico Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 42. Brazil Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025

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Figure 43. APAC Flat Panel Display (FPD) Glass Substrate Sales Market Share by Region in 2025
Figure 44. APAC Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Region (2020-2025)
Figure 45. APAC Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
Figure 46. APAC Flat Panel Display (FPD) Glass Substrate Sales Market Share by Application (2020-2025)
Figure 47. China Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 48. Japan Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 49. South Korea Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 50. Southeast Asia Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 51. India Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 52. Australia Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 53. China Taiwan Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 54. Europe Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country in 2025
Figure 55. Europe Flat Panel Display (FPD) Glass Substrate Revenue Market Share by Country (2020-2025)
Figure 56. Europe Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
Figure 57. Europe Flat Panel Display (FPD) Glass Substrate Sales Market Share by Application (2020-2025)
Figure 58. Germany Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 59. France Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 60. UK Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 61. Italy Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)

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Figure 62. Russia Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 63. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales Market Share by Country (2020-2025)
Figure 64. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales Market Share by Type (2020-2025)
Figure 65. Middle East & Africa Flat Panel Display (FPD) Glass Substrate Sales Market Share by Application (2020-2025)
Figure 66. Egypt Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 67. South Africa Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 68. Israel Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 69. Turkey Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 70. GCC Countries Flat Panel Display (FPD) Glass Substrate Revenue Growth 2020-2025 ($ millions)
Figure 71. Manufacturing Cost Structure Analysis of Flat Panel Display (FPD) Glass Substrate in 2025
Figure 72. Manufacturing Process Analysis of Flat Panel Display (FPD) Glass Substrate
Figure 73. Industry Chain Structure of Flat Panel Display (FPD) Glass Substrate
Figure 74. Channels of Distribution
Figure 75. Global Flat Panel Display (FPD) Glass Substrate Sales Market Forecast by Region (2026-2031)
Figure 76. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share Forecast by Region (2026-2031)
Figure 77. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share Forecast by Type (2026-2031)
Figure 78. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share Forecast by Type (2026-2031)
Figure 79. Global Flat Panel Display (FPD) Glass Substrate Sales Market Share Forecast by Application (2026-2031)
Figure 80. Global Flat Panel Display (FPD) Glass Substrate Revenue Market Share Forecast by Application (2026-2031)

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