

# Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G1B68C7B0C2BEN.html>

Date: July 2024

Pages: 98

Price: US\$ 3,480.00 (Single User License)

ID: G1B68C7B0C2BEN

## Abstracts

According to our (Global Info Research) latest study, the global Crystal Indium Gallium Zinc Oxide (IGZO) Target market size was valued at USD 60 million in 2022 and is forecast to a readjusted size of USD 83 million by 2029 with a CAGR of 4.8% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Indium Gallium Zinc Oxide (IGZO) is a semiconducting material, consisting of indium (In), gallium (Ga), zinc (Zn) and oxygen (O).

This report is a detailed and comprehensive analysis for global Crystal Indium Gallium Zinc Oxide (IGZO) Target market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Crystal Indium Gallium Zinc Oxide (IGZO) Target market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Crystal Indium Gallium Zinc Oxide (IGZO) Target market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Crystal Indium Gallium Zinc Oxide (IGZO) Target market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Crystal Indium Gallium Zinc Oxide (IGZO) Target market shares of main players,

shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton),  
2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Crystal Indium Gallium Zinc Oxide (IGZO) Target

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Crystal Indium Gallium Zinc Oxide (IGZO)

Target market based on the following parameters - company overview, production,

value, price, gross margin, product portfolio, geographical presence, and key

developments. Key companies covered as a part of this study include Mitsui Kinzoku,

Ulvac, ANP Materials, JX Nippon Mining & Metals and ENAM Optoelectronic Material

and etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Crystal Indium Gallium Zinc Oxide (IGZO) Target market is split by Type and by

Application. For the period 2018-2029, the growth among segments provides accurate

calculations and forecasts for consumption value by Type, and by Application in terms

of volume and value. This analysis can help you expand your business by targeting

qualified niche markets.

Market segment by Type

In:Ga:Zn=1:1:1

In:Ga:Zn=2:2:1

Other

Market segment by Application

Flat Panel Display

Touch Screen Panel

Other

## Major players covered

Mitsui Kinzoku

Ulvac

ANP Materials

JX Nippon Mining & Metals

ENAM Optoelectronic Material

CPT Technology

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Crystal Indium Gallium Zinc Oxide (IGZO) Target product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Crystal Indium Gallium Zinc Oxide (IGZO) Target, with price, sales, revenue and global market share of Crystal Indium Gallium Zinc Oxide (IGZO) Target from 2018 to 2023.

Chapter 3, the Crystal Indium Gallium Zinc Oxide (IGZO) Target competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Crystal Indium Gallium Zinc Oxide (IGZO) Target breakdown data are

shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Crystal Indium Gallium Zinc Oxide (IGZO) Target market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Crystal Indium Gallium Zinc Oxide (IGZO) Target.

Chapter 14 and 15, to describe Crystal Indium Gallium Zinc Oxide (IGZO) Target sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Crystal Indium Gallium Zinc Oxide (IGZO) Target
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 In:Ga:Zn=1:1:1
  - 1.3.3 In:Ga:Zn=2:2:1
  - 1.3.4 Other
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Flat Panel Display
  - 1.4.3 Touch Screen Panel
  - 1.4.4 Other
- 1.5 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size & Forecast
  - 1.5.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (2018-2029)
  - 1.5.3 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Mitsui Kinzoku
  - 2.1.1 Mitsui Kinzoku Details
  - 2.1.2 Mitsui Kinzoku Major Business
  - 2.1.3 Mitsui Kinzoku Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
  - 2.1.4 Mitsui Kinzoku Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Mitsui Kinzoku Recent Developments/Updates
- 2.2 Ulvac
  - 2.2.1 Ulvac Details
  - 2.2.2 Ulvac Major Business

- 2.2.3 Ulvac Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
- 2.2.4 Ulvac Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Ulvac Recent Developments/Updates
- 2.3 ANP Materials
  - 2.3.1 ANP Materials Details
  - 2.3.2 ANP Materials Major Business
  - 2.3.3 ANP Materials Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
  - 2.3.4 ANP Materials Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 ANP Materials Recent Developments/Updates
- 2.4 JX Nippon Mining & Metals
  - 2.4.1 JX Nippon Mining & Metals Details
  - 2.4.2 JX Nippon Mining & Metals Major Business
  - 2.4.3 JX Nippon Mining & Metals Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
  - 2.4.4 JX Nippon Mining & Metals Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 JX Nippon Mining & Metals Recent Developments/Updates
- 2.5 ENAM Optoelectronic Material
  - 2.5.1 ENAM Optoelectronic Material Details
  - 2.5.2 ENAM Optoelectronic Material Major Business
  - 2.5.3 ENAM Optoelectronic Material Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
  - 2.5.4 ENAM Optoelectronic Material Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 ENAM Optoelectronic Material Recent Developments/Updates
- 2.6 CPT Technology
  - 2.6.1 CPT Technology Details
  - 2.6.2 CPT Technology Major Business
  - 2.6.3 CPT Technology Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
  - 2.6.4 CPT Technology Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 CPT Technology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: CRYSTAL INDIUM GALLIUM ZINC OXIDE (IGZO) TARGET BY MANUFACTURER**

- 3.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Revenue by Manufacturer (2018-2023)
- 3.3 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Crystal Indium Gallium Zinc Oxide (IGZO) Target by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Manufacturer Market Share in 2022
  - 3.4.2 Top 6 Crystal Indium Gallium Zinc Oxide (IGZO) Target Manufacturer Market Share in 2022
- 3.5 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Overall Company Footprint Analysis
  - 3.5.1 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Region Footprint
  - 3.5.2 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Company Product Type Footprint
  - 3.5.3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Region
  - 4.1.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Region (2018-2029)
  - 4.1.3 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Region (2018-2029)
- 4.2 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029)
- 4.3 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029)
- 4.4 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029)

4.5 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029)

4.6 Middle East and Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2029)

5.2 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type (2018-2029)

5.3 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

6.2 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application (2018-2029)

6.3 Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2029)

7.2 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

7.3 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Country

7.3.1 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2029)

7.3.2 North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)



## **8 EUROPE**

8.1 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2029)

8.2 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

8.3 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Country

8.3.1 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2029)

8.3.2 Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Region

9.3.1 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by

Type (2018-2029)

10.2 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

10.3 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Country

10.3.1 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2029)

10.3.2 South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Size by Country

11.3.1 Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

12.1 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Drivers

12.2 Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Restraints

12.3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Crystal Indium Gallium Zinc Oxide (IGZO) Target and Key Manufacturers

13.2 Manufacturing Costs Percentage of Crystal Indium Gallium Zinc Oxide (IGZO) Target

13.3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Production Process

13.4 Crystal Indium Gallium Zinc Oxide (IGZO) Target Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Crystal Indium Gallium Zinc Oxide (IGZO) Target Typical Distributors

14.3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Mitsui Kinzoku Basic Information, Manufacturing Base and Competitors

Table 4. Mitsui Kinzoku Major Business

Table 5. Mitsui Kinzoku Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services

Table 6. Mitsui Kinzoku Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Mitsui Kinzoku Recent Developments/Updates

Table 8. Ulvac Basic Information, Manufacturing Base and Competitors

Table 9. Ulvac Major Business

Table 10. Ulvac Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services

Table 11. Ulvac Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Ulvac Recent Developments/Updates

Table 13. ANP Materials Basic Information, Manufacturing Base and Competitors

Table 14. ANP Materials Major Business

Table 15. ANP Materials Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services

Table 16. ANP Materials Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. ANP Materials Recent Developments/Updates

Table 18. JX Nippon Mining & Metals Basic Information, Manufacturing Base and Competitors

Table 19. JX Nippon Mining & Metals Major Business

Table 20. JX Nippon Mining & Metals Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services

Table 21. JX Nippon Mining & Metals Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 22. JX Nippon Mining & Metals Recent Developments/Updates
- Table 23. ENAM Optoelectronic Material Basic Information, Manufacturing Base and Competitors
- Table 24. ENAM Optoelectronic Material Major Business
- Table 25. ENAM Optoelectronic Material Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
- Table 26. ENAM Optoelectronic Material Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. ENAM Optoelectronic Material Recent Developments/Updates
- Table 28. CPT Technology Basic Information, Manufacturing Base and Competitors
- Table 29. CPT Technology Major Business
- Table 30. CPT Technology Crystal Indium Gallium Zinc Oxide (IGZO) Target Product and Services
- Table 31. CPT Technology Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. CPT Technology Recent Developments/Updates
- Table 33. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Manufacturer (2018-2023) & (Tons)
- Table 34. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 35. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Manufacturer (2018-2023) & (US\$/Ton)
- Table 36. Market Position of Manufacturers in Crystal Indium Gallium Zinc Oxide (IGZO) Target, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 37. Head Office and Crystal Indium Gallium Zinc Oxide (IGZO) Target Production Site of Key Manufacturer
- Table 38. Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Company Product Type Footprint
- Table 39. Crystal Indium Gallium Zinc Oxide (IGZO) Target Market: Company Product Application Footprint
- Table 40. Crystal Indium Gallium Zinc Oxide (IGZO) Target New Market Entrants and Barriers to Market Entry
- Table 41. Crystal Indium Gallium Zinc Oxide (IGZO) Target Mergers, Acquisition, Agreements, and Collaborations
- Table 42. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Region (2018-2023) & (Tons)
- Table 43. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by

Region (2024-2029) & (Tons)

Table 44. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Region (2018-2023) & (USD Million)

Table 45. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Region (2024-2029) & (USD Million)

Table 46. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Region (2018-2023) & (US\$/Ton)

Table 47. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Region (2024-2029) & (US\$/Ton)

Table 48. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2023) & (Tons)

Table 49. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2024-2029) & (Tons)

Table 50. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type (2018-2023) & (USD Million)

Table 51. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type (2024-2029) & (USD Million)

Table 52. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2023) & (Tons)

Table 55. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2024-2029) & (Tons)

Table 56. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application (2018-2023) & (USD Million)

Table 57. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application (2024-2029) & (USD Million)

Table 58. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Application (2018-2023) & (US\$/Ton)

Table 59. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Application (2024-2029) & (US\$/Ton)

Table 60. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2023) & (Tons)

Table 61. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2024-2029) & (Tons)

Table 62. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2023) & (Tons)

Table 63. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2024-2029) & (Tons)

Table 64. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2023) & (Tons)

Table 65. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2024-2029) & (Tons)

Table 66. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2023) & (USD Million)

Table 67. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2024-2029) & (USD Million)

Table 68. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2023) & (Tons)

Table 69. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2024-2029) & (Tons)

Table 70. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2023) & (Tons)

Table 71. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2024-2029) & (Tons)

Table 72. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2018-2023) & (Tons)

Table 73. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Country (2024-2029) & (Tons)

Table 74. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2018-2023) & (USD Million)

Table 75. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Country (2024-2029) & (USD Million)

Table 76. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2018-2023) & (Tons)

Table 77. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Type (2024-2029) & (Tons)

Table 78. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2018-2023) & (Tons)

Table 79. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Application (2024-2029) & (Tons)

Table 80. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Region (2018-2023) & (Tons)

Table 81. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity by Region (2024-2029) & (Tons)

Table 82. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption

Value by Region (2018-2023) & (USD Million)

Table 83. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption

Value by Region (2024-2029) & (USD Million)

Table 84. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Type (2018-2023) & (Tons)

Table 85. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Type (2024-2029) & (Tons)

Table 86. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Application (2018-2023) & (Tons)

Table 87. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Application (2024-2029) & (Tons)

Table 88. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Country (2018-2023) & (Tons)

Table 89. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Country (2024-2029) & (Tons)

Table 90. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target

Consumption Value by Country (2018-2023) & (USD Million)

Table 91. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target

Consumption Value by Country (2024-2029) & (USD Million)

Table 92. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Type (2018-2023) & (Tons)

Table 93. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Type (2024-2029) & (Tons)

Table 94. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Application (2018-2023) & (Tons)

Table 95. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Application (2024-2029) & (Tons)

Table 96. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Region (2018-2023) & (Tons)

Table 97. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales

Quantity by Region (2024-2029) & (Tons)

Table 98. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target

Consumption Value by Region (2018-2023) & (USD Million)

Table 99. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target

Consumption Value by Region (2024-2029) & (USD Million)

Table 100. Crystal Indium Gallium Zinc Oxide (IGZO) Target Raw Material

Table 101. Key Manufacturers of Crystal Indium Gallium Zinc Oxide (IGZO) Target Raw Materials

Table 102. Crystal Indium Gallium Zinc Oxide (IGZO) Target Typical Distributors



**Table 103. Crystal Indium Gallium Zinc Oxide (IGZO) Target Typical Customers****List of Figures**

Figure 1. Crystal Indium Gallium Zinc Oxide (IGZO) Target Picture

Figure 2. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Type in 2022

Figure 4. In:Ga:Zn=1:1:1 Examples

Figure 5. In:Ga:Zn=2:2:1 Examples

Figure 6. Other Examples

Figure 7. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Application in 2022

Figure 9. Flat Panel Display Examples

Figure 10. Touch Screen Panel Examples

Figure 11. Other Examples

Figure 12. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity (2018-2029) & (Tons)

Figure 15. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price (2018-2029) & (US\$/Ton)

Figure 16. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Crystal Indium Gallium Zinc Oxide (IGZO) Target by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Crystal Indium Gallium Zinc Oxide (IGZO) Target Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Crystal Indium Gallium Zinc Oxide (IGZO) Target Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Region (2018-2029)

- Figure 23. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029) & (USD Million)
- Figure 24. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029) & (USD Million)
- Figure 25. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029) & (USD Million)
- Figure 26. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029) & (USD Million)
- Figure 27. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value (2018-2029) & (USD Million)
- Figure 28. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)
- Figure 29. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Type (2018-2029)
- Figure 30. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Type (2018-2029) & (US\$/Ton)
- Figure 31. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Application (2018-2029)
- Figure 32. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Application (2018-2029)
- Figure 33. Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Average Price by Application (2018-2029) & (US\$/Ton)
- Figure 34. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)
- Figure 35. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Application (2018-2029)
- Figure 36. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Country (2018-2029)
- Figure 37. North America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Country (2018-2029)
- Figure 38. United States Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 39. Canada Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 40. Mexico Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 41. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)
- Figure 42. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity

Market Share by Application (2018-2029)

Figure 43. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity

Market Share by Country (2018-2029)

Figure 44. Europe Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value

Market Share by Country (2018-2029)

Figure 45. Germany Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Region (2018-2029)

Figure 54. China Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Crystal Indium Gallium Zinc Oxide (IGZO) Target Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Drivers

Figure 75. Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Restraints

Figure 76. Crystal Indium Gallium Zinc Oxide (IGZO) Target Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Crystal Indium Gallium Zinc Oxide (IGZO) Target in 2022

Figure 79. Manufacturing Process Analysis of Crystal Indium Gallium Zinc Oxide (IGZO) Target

Figure 80. Crystal Indium Gallium Zinc Oxide (IGZO) Target Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global Crystal Indium Gallium Zinc Oxide (IGZO) Target Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G1B68C7B0C2BEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1B68C7B0C2BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

