

Global Sapphire Crystal Material Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GA6D08B5EA24EN.html>

Date: July 2026

Pages: 152

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

ID: GA6D08B5EA24EN

Abstracts

The global Sapphire Crystal Material market size is expected to reach \$ 14675 million by 2032, rising at a market growth of 5.4% CAGR during the forecast period (2026-2032).

Sapphire crystal materials are inorganic non-metallic crystals produced through artificial single-crystal growth using high-purity aluminum oxide (Al_2O_3) as the raw material. Characterized by high hardness, high optical transparency, high-temperature and corrosion resistance, excellent insulation, and strong thermal stability, they can be processed into ingots, rods, wafers, substrates, optical windows, and precision structural components.

The upstream sector encompasses high-purity alumina powder, crystal growth furnaces, crucibles, hot zone materials, cutting wires, grinding and polishing consumables, coating materials, and inspection equipment. Downstream applications include LEDs, Mini/Micro LEDs, optical windows, semiconductor equipment, consumer electronics, lasers, medical devices, and aerospace components.

The global market for sapphire crystal materials features a unit price of \$750 per kilogram, with a sales volume of approximately 12,400 tonnes, an annual production capacity of 15,000-18,000 tonnes, and an industry profit margin of around 28%.

Future development in the global sapphire crystal market will trend toward larger sizes, higher purity, fewer defects, greater consistency, and high-value-added applications. While demand for traditional LED substrates is maturing, new growth opportunities are emerging in sectors such as Mini/Micro LEDs, infrared optics, laser windows, plasma-resistant components for semiconductor equipment, transparent aerospace protective

components, and high-end consumer electronics. Industry competition is shifting from mere capacity expansion to factors such as crystal yield, crystallographic orientation control, internal stress management, ultra-precision machining, coating capabilities, and customer certification. Enterprises possessing integrated capabilities spanning crystal growth, cutting/grinding/polishing, precision machining, and inspection will enjoy a competitive advantage in the high-end application market.

This report studies the global Sapphire Crystal Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Sapphire Crystal 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 Sapphire Crystal Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Sapphire Crystal Material total production and demand, 2021-2032, (Tons)

Global Sapphire Crystal Material total production value, 2021-2032, (USD Million)

Global Sapphire Crystal Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Sapphire Crystal Material consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Sapphire Crystal Material domestic production, consumption, key domestic manufacturers and share

Global Sapphire Crystal Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Sapphire Crystal Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Sapphire Crystal Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Sapphire Crystal 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 Monocrystal, Zhejiang Jingsheng, Kyocera, Shinkosha, Orbray, Rubicon Technology, Meller Optics, Valley Design, TDG Holding, HC Semitek, 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 Sapphire Crystal Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) 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 Sapphire Crystal Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Sapphire Crystal Material Market, Segmentation by Type:

Sapphire Substrate

Sapphire Ingot

Sapphire Window Material

Global Sapphire Crystal Material Market, Segmentation by Product Grade:

LED Grade Sapphire Crystal

Optical Grade Sapphire Crystal

Semiconductor Grade Sapphire Crystal

Laser Grade Sapphire Crystal

Industrial Grade Sapphire Crystal

Aerospace and Defense Grade Sapphire Crystal

Global Sapphire Crystal Material Market, Segmentation by Size:

2-inch Sapphire Crystal

4-inch Sapphire Crystal

6-inch Sapphire Crystal

8-inch Sapphire Crystal

Above 8-inch Sapphire Crystal

Global Sapphire Crystal Material Market, Segmentation by Application:

LED

Optical Component

Semiconductor Equipment

Consumer Electronics

Watch

Medical Device

Aerospace and Defense Company

Industrial Equipment

Companies Profiled:

Monocrystal

Zhejiang Jingsheng.?.

Kyocera

Shinkosha

Orbray

Rubicon Technology

Meller Optics

Valley Design

TDG Holding

HC Semitek

Aurora Optoelectronics

Guangdong Zhongtu Semiconductor

Zhejiang Brolight Semiconductor

Qingdao iStarWafer

CRYSCORE

Crystalwise Technology

Jingan Optoelectronics

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Sapphire Crystal Material Production Value by Manufacturer (2021-2026)

- 3.2 World Sapphire Crystal Material Production by Manufacturer (2021-2026)
- 3.3 World Sapphire Crystal Material Average Price by Manufacturer (2021-2026)
- 3.4 Sapphire Crystal Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Sapphire Crystal Material Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Sapphire Crystal Material in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Sapphire Crystal Material in 2025
- 3.6 Sapphire Crystal Material Market: Overall Company Footprint Analysis
 - 3.6.1 Sapphire Crystal Material Market: Region Footprint
 - 3.6.2 Sapphire Crystal Material Market: Company Product Type Footprint
 - 3.6.3 Sapphire Crystal 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: Sapphire Crystal Material Production Value Comparison
 - 4.1.1 United States VS China: Sapphire Crystal Material Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Sapphire Crystal Material Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Sapphire Crystal Material Production Comparison
 - 4.2.1 United States VS China: Sapphire Crystal Material Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Sapphire Crystal Material Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Sapphire Crystal Material Consumption Comparison
 - 4.3.1 United States VS China: Sapphire Crystal Material Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Sapphire Crystal Material Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Sapphire Crystal Material Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Sapphire Crystal Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Sapphire Crystal Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers Sapphire Crystal Material Production (2021-2026)

4.5 China Based Sapphire Crystal Material Manufacturers and Market Share

4.5.1 China Based Sapphire Crystal Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Sapphire Crystal Material Production Value (2021-2026)

4.5.3 China Based Manufacturers Sapphire Crystal Material Production (2021-2026)

4.6 Rest of World Based Sapphire Crystal Material Manufacturers and Market Share, 2021-2026

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

4.6.2 Rest of World Based Manufacturers Sapphire Crystal Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Sapphire Crystal Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Sapphire Crystal Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Sapphire Substrate

5.2.2 Sapphire Ingot

5.2.3 Sapphire Window Material

5.3 Market Segment by Type

5.3.1 World Sapphire Crystal Material Production by Type (2021-2032)

5.3.2 World Sapphire Crystal Material Production Value by Type (2021-2032)

5.3.3 World Sapphire Crystal Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PRODUCT GRADE

6.1 World Sapphire Crystal Material Market Size Overview by Product Grade: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Product Grade

6.2.1 LED Grade Sapphire Crystal

6.2.2 Optical Grade Sapphire Crystal

- 6.2.3 Semiconductor Grade Sapphire Crystal
- 6.2.4 Laser Grade Sapphire Crystal
- 6.2.5 Industrial Grade Sapphire Crystal
- 6.2.6 Aerospace and Defense Grade Sapphire Crystal
- 6.3 Market Segment by Product Grade
 - 6.3.1 World Sapphire Crystal Material Production by Product Grade (2021-2032)
 - 6.3.2 World Sapphire Crystal Material Production Value by Product Grade (2021-2032)
 - 6.3.3 World Sapphire Crystal Material Average Price by Product Grade (2021-2032)

7 MARKET ANALYSIS BY SIZE

- 7.1 World Sapphire Crystal Material Market Size Overview by Size: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Size
 - 7.2.1 2-inch Sapphire Crystal
 - 7.2.2 4-inch Sapphire Crystal
 - 7.2.3 6-inch Sapphire Crystal
 - 7.2.4 8-inch Sapphire Crystal
 - 7.2.5 Above 8-inch Sapphire Crystal
- 7.3 Market Segment by Size
 - 7.3.1 World Sapphire Crystal Material Production by Size (2021-2032)
 - 7.3.2 World Sapphire Crystal Material Production Value by Size (2021-2032)
 - 7.3.3 World Sapphire Crystal Material Average Price by Size (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

- 8.1 World Sapphire Crystal Material Market Size Overview by Application: 2021 VS 2025 VS 2032
- 8.2 Segment Introduction by Application
 - 8.2.1 LED
 - 8.2.2 Optical Component
 - 8.2.3 Semiconductor Equipment
 - 8.2.4 Consumer Electronics
 - 8.2.5 Watch
 - 8.2.6 Medical Device
 - 8.2.7 Aerospace and Defense Company
 - 8.2.8 Industrial Equipment
- 8.3 Market Segment by Application
 - 8.3.1 World Sapphire Crystal Material Production by Application (2021-2032)

8.3.2 World Sapphire Crystal Material Production Value by Application (2021-2032)

8.3.3 World Sapphire Crystal Material Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Monocrystal

9.1.1 Monocrystal Details

9.1.2 Monocrystal Major Business

9.1.3 Monocrystal Sapphire Crystal Material Product and Services

9.1.4 Monocrystal Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Monocrystal Recent Developments/Updates

9.1.6 Monocrystal Competitive Strengths & Weaknesses

9.2 Zhejiang Jingsheng.?.

9.2.1 Zhejiang Jingsheng.?. Details

9.2.2 Zhejiang Jingsheng.?. Major Business

9.2.3 Zhejiang Jingsheng.?. Sapphire Crystal Material Product and Services

9.2.4 Zhejiang Jingsheng.?. Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Zhejiang Jingsheng.?. Recent Developments/Updates

9.2.6 Zhejiang Jingsheng.?. Competitive Strengths & Weaknesses

9.3 Kyocera

9.3.1 Kyocera Details

9.3.2 Kyocera Major Business

9.3.3 Kyocera Sapphire Crystal Material Product and Services

9.3.4 Kyocera Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Kyocera Recent Developments/Updates

9.3.6 Kyocera Competitive Strengths & Weaknesses

9.4 Shinkosha

9.4.1 Shinkosha Details

9.4.2 Shinkosha Major Business

9.4.3 Shinkosha Sapphire Crystal Material Product and Services

9.4.4 Shinkosha Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Shinkosha Recent Developments/Updates

9.4.6 Shinkosha Competitive Strengths & Weaknesses

9.5 Orbray

9.5.1 Orbray Details

- 9.5.2 Orbray Major Business
- 9.5.3 Orbray Sapphire Crystal Material Product and Services
- 9.5.4 Orbray Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.5.5 Orbray Recent Developments/Updates
- 9.5.6 Orbray Competitive Strengths & Weaknesses
- 9.6 Rubicon Technology
 - 9.6.1 Rubicon Technology Details
 - 9.6.2 Rubicon Technology Major Business
 - 9.6.3 Rubicon Technology Sapphire Crystal Material Product and Services
 - 9.6.4 Rubicon Technology Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Rubicon Technology Recent Developments/Updates
 - 9.6.6 Rubicon Technology Competitive Strengths & Weaknesses
- 9.7 Meller Optics
 - 9.7.1 Meller Optics Details
 - 9.7.2 Meller Optics Major Business
 - 9.7.3 Meller Optics Sapphire Crystal Material Product and Services
 - 9.7.4 Meller Optics Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Meller Optics Recent Developments/Updates
 - 9.7.6 Meller Optics Competitive Strengths & Weaknesses
- 9.8 Valley Design
 - 9.8.1 Valley Design Details
 - 9.8.2 Valley Design Major Business
 - 9.8.3 Valley Design Sapphire Crystal Material Product and Services
 - 9.8.4 Valley Design Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Valley Design Recent Developments/Updates
 - 9.8.6 Valley Design Competitive Strengths & Weaknesses
- 9.9 TDG Holding
 - 9.9.1 TDG Holding Details
 - 9.9.2 TDG Holding Major Business
 - 9.9.3 TDG Holding Sapphire Crystal Material Product and Services
 - 9.9.4 TDG Holding Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 TDG Holding Recent Developments/Updates
 - 9.9.6 TDG Holding Competitive Strengths & Weaknesses
- 9.10 HC Semitek

- 9.10.1 HC Semitek Details
- 9.10.2 HC Semitek Major Business
- 9.10.3 HC Semitek Sapphire Crystal Material Product and Services
- 9.10.4 HC Semitek Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 HC Semitek Recent Developments/Updates
- 9.10.6 HC Semitek Competitive Strengths & Weaknesses
- 9.11 Aurora Optoelectronics
 - 9.11.1 Aurora Optoelectronics Details
 - 9.11.2 Aurora Optoelectronics Major Business
 - 9.11.3 Aurora Optoelectronics Sapphire Crystal Material Product and Services
 - 9.11.4 Aurora Optoelectronics Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Aurora Optoelectronics Recent Developments/Updates
 - 9.11.6 Aurora Optoelectronics Competitive Strengths & Weaknesses
- 9.12 Guangdong Zhongtu Semiconductor
 - 9.12.1 Guangdong Zhongtu Semiconductor Details
 - 9.12.2 Guangdong Zhongtu Semiconductor Major Business
 - 9.12.3 Guangdong Zhongtu Semiconductor Sapphire Crystal Material Product and Services
 - 9.12.4 Guangdong Zhongtu Semiconductor Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Guangdong Zhongtu Semiconductor Recent Developments/Updates
 - 9.12.6 Guangdong Zhongtu Semiconductor Competitive Strengths & Weaknesses
- 9.13 Zhejiang Brolight Semiconductor
 - 9.13.1 Zhejiang Brolight Semiconductor Details
 - 9.13.2 Zhejiang Brolight Semiconductor Major Business
 - 9.13.3 Zhejiang Brolight Semiconductor Sapphire Crystal Material Product and Services
 - 9.13.4 Zhejiang Brolight Semiconductor Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Zhejiang Brolight Semiconductor Recent Developments/Updates
 - 9.13.6 Zhejiang Brolight Semiconductor Competitive Strengths & Weaknesses
- 9.14 Qingdao iStarWafer
 - 9.14.1 Qingdao iStarWafer Details
 - 9.14.2 Qingdao iStarWafer Major Business
 - 9.14.3 Qingdao iStarWafer Sapphire Crystal Material Product and Services
 - 9.14.4 Qingdao iStarWafer Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Qingdao iStarWafer Recent Developments/Updates

9.14.6 Qingdao iStarWafer Competitive Strengths & Weaknesses

9.15 CRYSCORE

9.15.1 CRYSCORE Details

9.15.2 CRYSCORE Major Business

9.15.3 CRYSCORE Sapphire Crystal Material Product and Services

9.15.4 CRYSCORE Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 CRYSCORE Recent Developments/Updates

9.15.6 CRYSCORE Competitive Strengths & Weaknesses

9.16 Crystalwise Technology

9.16.1 Crystalwise Technology Details

9.16.2 Crystalwise Technology Major Business

9.16.3 Crystalwise Technology Sapphire Crystal Material Product and Services

9.16.4 Crystalwise Technology Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Crystalwise Technology Recent Developments/Updates

9.16.6 Crystalwise Technology Competitive Strengths & Weaknesses

9.17 Jingan Optoelectronics

9.17.1 Jingan Optoelectronics Details

9.17.2 Jingan Optoelectronics Major Business

9.17.3 Jingan Optoelectronics Sapphire Crystal Material Product and Services

9.17.4 Jingan Optoelectronics Sapphire Crystal Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 Jingan Optoelectronics Recent Developments/Updates

9.17.6 Jingan Optoelectronics Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Sapphire Crystal Material Industry Chain

10.2 Sapphire Crystal Material Upstream Analysis

10.2.1 Sapphire Crystal Material Core Raw Materials

10.2.2 Main Manufacturers of Sapphire Crystal Material Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Sapphire Crystal Material Production Mode

10.6 Sapphire Crystal Material Procurement Model

10.7 Sapphire Crystal Material Industry Sales Model and Sales Channels

10.7.1 Sapphire Crystal Material Sales Model

10.7.2 Sapphire Crystal Material Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

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

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

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

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

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

Table 6. World Sapphire Crystal Material Production by Region (2021-2026) & (Tons)

Table 7. World Sapphire Crystal Material Production by Region (2027-2032) & (Tons)

Table 8. World Sapphire Crystal Material Production Market Share by Region (2021-2026)

Table 9. World Sapphire Crystal Material Production Market Share by Region (2027-2032)

Table 10. World Sapphire Crystal Material Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Sapphire Crystal Material Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Sapphire Crystal Material Major Market Trends

Table 13. World Sapphire Crystal Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Sapphire Crystal Material Consumption by Region (2021-2026) & (Tons)

Table 15. World Sapphire Crystal Material Consumption Forecast by Region (2027-2032) & (Tons)

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

Table 17. Production Value Market Share of Key Sapphire Crystal Material Producers in 2025

Table 18. World Sapphire Crystal Material Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Sapphire Crystal Material Producers in 2025

Table 20. World Sapphire Crystal Material Average Price by Manufacturer (2021-2026)

& (US\$/kg)

Table 21. Global Sapphire Crystal Material Company Evaluation Quadrant

Table 22. World Sapphire Crystal Material Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Sapphire Crystal Material Production Site of Key Manufacturer

Table 24. Sapphire Crystal Material Market: Company Product Type Footprint

Table 25. Sapphire Crystal Material Market: Company Product Application Footprint

Table 26. Sapphire Crystal Material Competitive Factors

Table 27. Sapphire Crystal Material New Entrant and Capacity Expansion Plans

Table 28. Sapphire Crystal Material Mergers & Acquisitions Activity

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

Table 30. United States VS China Sapphire Crystal Material Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Sapphire Crystal Material Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

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

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

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

Table 35. United States Based Manufacturers Sapphire Crystal Material Production (2021-2026) & (Tons)

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

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

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

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

Table 40. China Based Manufacturers Sapphire Crystal Material Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Sapphire Crystal Material Production Market Share (2021-2026)

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

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

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

Table 45. Rest of World Based Manufacturers Sapphire Crystal Material Production, (2021-2026) & (Tons)

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

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

Table 48. World Sapphire Crystal Material Production by Type (2021-2026) & (Tons)

Table 49. World Sapphire Crystal Material Production by Type (2027-2032) & (Tons)

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

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

Table 52. World Sapphire Crystal Material Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Sapphire Crystal Material Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Sapphire Crystal Material Production Value by Product Grade, (USD Million), 2021 & 2025 & 2032

Table 55. World Sapphire Crystal Material Production by Product Grade (2021-2026) & (Tons)

Table 56. World Sapphire Crystal Material Production by Product Grade (2027-2032) & (Tons)

Table 57. World Sapphire Crystal Material Production Value by Product Grade (2021-2026) & (USD Million)

Table 58. World Sapphire Crystal Material Production Value by Product Grade (2027-2032) & (USD Million)

Table 59. World Sapphire Crystal Material Average Price by Product Grade (2021-2026) & (US\$/kg)

Table 60. World Sapphire Crystal Material Average Price by Product Grade (2027-2032) & (US\$/kg)

Table 61. World Sapphire Crystal Material Production Value by Size, (USD Million), 2021 & 2025 & 2032

Table 62. World Sapphire Crystal Material Production by Size (2021-2026) & (Tons)

Table 63. World Sapphire Crystal Material Production by Size (2027-2032) & (Tons)

Table 64. World Sapphire Crystal Material Production Value by Size (2021-2026) &

(USD Million)

Table 65. World Sapphire Crystal Material Production Value by Size (2027-2032) & (USD Million)

Table 66. World Sapphire Crystal Material Average Price by Size (2021-2026) & (US\$/kg)

Table 67. World Sapphire Crystal Material Average Price by Size (2027-2032) & (US\$/kg)

Table 68. World Sapphire Crystal Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Sapphire Crystal Material Production by Application (2021-2026) & (Tons)

Table 70. World Sapphire Crystal Material Production by Application (2027-2032) & (Tons)

Table 71. World Sapphire Crystal Material Production Value by Application (2021-2026) & (USD Million)

Table 72. World Sapphire Crystal Material Production Value by Application (2027-2032) & (USD Million)

Table 73. World Sapphire Crystal Material Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World Sapphire Crystal Material Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Monocrystal Basic Information, Manufacturing Base and Competitors

Table 76. Monocrystal Major Business

Table 77. Monocrystal Sapphire Crystal Material Product and Services

Table 78. Monocrystal Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Monocrystal Recent Developments/Updates

Table 80. Monocrystal Competitive Strengths & Weaknesses

Table 81. Zhejiang Jingsheng.?. Basic Information, Manufacturing Base and Competitors

Table 82. Zhejiang Jingsheng.?. Major Business

Table 83. Zhejiang Jingsheng.?. Sapphire Crystal Material Product and Services

Table 84. Zhejiang Jingsheng.?. Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Zhejiang Jingsheng.?. Recent Developments/Updates

Table 86. Zhejiang Jingsheng.?. Competitive Strengths & Weaknesses

Table 87. Kyocera Basic Information, Manufacturing Base and Competitors

Table 88. Kyocera Major Business

Table 89. Kyocera Sapphire Crystal Material Product and Services

Table 90. Kyocera Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Kyocera Recent Developments/Updates
Table 92. Kyocera Competitive Strengths & Weaknesses
Table 93. Shinkosha Basic Information, Manufacturing Base and Competitors
Table 94. Shinkosha Major Business
Table 95. Shinkosha Sapphire Crystal Material Product and Services
Table 96. Shinkosha Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Shinkosha Recent Developments/Updates
Table 98. Shinkosha Competitive Strengths & Weaknesses
Table 99. Orbray Basic Information, Manufacturing Base and Competitors
Table 100. Orbray Major Business
Table 101. Orbray Sapphire Crystal Material Product and Services
Table 102. Orbray Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Orbray Recent Developments/Updates
Table 104. Orbray Competitive Strengths & Weaknesses
Table 105. Rubicon Technology Basic Information, Manufacturing Base and Competitors
Table 106. Rubicon Technology Major Business
Table 107. Rubicon Technology Sapphire Crystal Material Product and Services
Table 108. Rubicon Technology Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Rubicon Technology Recent Developments/Updates
Table 110. Rubicon Technology Competitive Strengths & Weaknesses
Table 111. Meller Optics Basic Information, Manufacturing Base and Competitors
Table 112. Meller Optics Major Business
Table 113. Meller Optics Sapphire Crystal Material Product and Services
Table 114. Meller Optics Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Meller Optics Recent Developments/Updates
Table 116. Meller Optics Competitive Strengths & Weaknesses
Table 117. Valley Design Basic Information, Manufacturing Base and Competitors
Table 118. Valley Design Major Business
Table 119. Valley Design Sapphire Crystal Material Product and Services
Table 120. Valley Design Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Valley Design Recent Developments/Updates

Table 122. Valley Design Competitive Strengths & Weaknesses
Table 123. TDG Holding Basic Information, Manufacturing Base and Competitors
Table 124. TDG Holding Major Business
Table 125. TDG Holding Sapphire Crystal Material Product and Services
Table 126. TDG Holding Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. TDG Holding Recent Developments/Updates
Table 128. TDG Holding Competitive Strengths & Weaknesses
Table 129. HC Semitek Basic Information, Manufacturing Base and Competitors
Table 130. HC Semitek Major Business
Table 131. HC Semitek Sapphire Crystal Material Product and Services
Table 132. HC Semitek Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. HC Semitek Recent Developments/Updates
Table 134. HC Semitek Competitive Strengths & Weaknesses
Table 135. Aurora Optoelectronics Basic Information, Manufacturing Base and Competitors
Table 136. Aurora Optoelectronics Major Business
Table 137. Aurora Optoelectronics Sapphire Crystal Material Product and Services
Table 138. Aurora Optoelectronics Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Aurora Optoelectronics Recent Developments/Updates
Table 140. Aurora Optoelectronics Competitive Strengths & Weaknesses
Table 141. Guangdong Zhongtu Semiconductor Basic Information, Manufacturing Base and Competitors
Table 142. Guangdong Zhongtu Semiconductor Major Business
Table 143. Guangdong Zhongtu Semiconductor Sapphire Crystal Material Product and Services
Table 144. Guangdong Zhongtu Semiconductor Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Guangdong Zhongtu Semiconductor Recent Developments/Updates
Table 146. Guangdong Zhongtu Semiconductor Competitive Strengths & Weaknesses
Table 147. Zhejiang Brolight Semiconductor Basic Information, Manufacturing Base and Competitors
Table 148. Zhejiang Brolight Semiconductor Major Business
Table 149. Zhejiang Brolight Semiconductor Sapphire Crystal Material Product and Services
Table 150. Zhejiang Brolight Semiconductor Sapphire Crystal Material Production

(Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Zhejiang Brolight Semiconductor Recent Developments/Updates

Table 152. Zhejiang Brolight Semiconductor Competitive Strengths & Weaknesses

Table 153. Qingdao iStarWafer Basic Information, Manufacturing Base and Competitors

Table 154. Qingdao iStarWafer Major Business

Table 155. Qingdao iStarWafer Sapphire Crystal Material Product and Services

Table 156. Qingdao iStarWafer Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Qingdao iStarWafer Recent Developments/Updates

Table 158. Qingdao iStarWafer Competitive Strengths & Weaknesses

Table 159. CRYSCORE Basic Information, Manufacturing Base and Competitors

Table 160. CRYSCORE Major Business

Table 161. CRYSCORE Sapphire Crystal Material Product and Services

Table 162. CRYSCORE Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. CRYSCORE Recent Developments/Updates

Table 164. CRYSCORE Competitive Strengths & Weaknesses

Table 165. Crystalwise Technology Basic Information, Manufacturing Base and Competitors

Table 166. Crystalwise Technology Major Business

Table 167. Crystalwise Technology Sapphire Crystal Material Product and Services

Table 168. Crystalwise Technology Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Crystalwise Technology Recent Developments/Updates

Table 170. Crystalwise Technology Competitive Strengths & Weaknesses

Table 171. Jingan Optoelectronics Basic Information, Manufacturing Base and Competitors

Table 172. Jingan Optoelectronics Major Business

Table 173. Jingan Optoelectronics Sapphire Crystal Material Product and Services

Table 174. Jingan Optoelectronics Sapphire Crystal Material Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Jingan Optoelectronics Recent Developments/Updates

Table 176. Jingan Optoelectronics Competitive Strengths & Weaknesses

Table 177. Global Key Players of Sapphire Crystal Material Upstream (Raw Materials)

Table 178. Global Sapphire Crystal Material Typical Customers

Table 179. Sapphire Crystal Material Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Sapphire Crystal Material Picture
- Figure 2. World Sapphire Crystal Material Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Sapphire Crystal Material Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Sapphire Crystal Material Production (2021-2032) & (Tons)
- Figure 5. World Sapphire Crystal Material Average Price (2021-2032) & (US\$/kg)
- Figure 6. World Sapphire Crystal Material Production Value Market Share by Region (2021-2032)
- Figure 7. World Sapphire Crystal Material Production Market Share by Region (2021-2032)
- Figure 8. North America Sapphire Crystal Material Production (2021-2032) & (Tons)
- Figure 9. Europe Sapphire Crystal Material Production (2021-2032) & (Tons)
- Figure 10. China Sapphire Crystal Material Production (2021-2032) & (Tons)
- Figure 11. Japan Sapphire Crystal Material Production (2021-2032) & (Tons)
- Figure 12. Sapphire Crystal Material Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 15. World Sapphire Crystal Material Consumption Market Share by Region (2021-2032)
- Figure 16. United States Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 17. China Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 18. Europe Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 19. Japan Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 20. South Korea Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 21. ASEAN Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 22. India Sapphire Crystal Material Consumption (2021-2032) & (Tons)
- Figure 23. Producer Shipments of Sapphire Crystal Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Sapphire Crystal Material Markets in 2025
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Sapphire Crystal Material Markets in 2025
- Figure 26. United States VS China: Sapphire Crystal Material Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Sapphire Crystal Material Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Sapphire Crystal Material Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Sapphire Crystal Material Production Market Share 2025

Figure 30. China Based Manufacturers Sapphire Crystal Material Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Sapphire Crystal Material Production Market Share 2025

Figure 32. World Sapphire Crystal Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Sapphire Crystal Material Production Value Market Share by Type in 2025

Figure 34. Sapphire Substrate

Figure 35. Sapphire Ingot

Figure 36. Sapphire Window Material

Figure 37. World Sapphire Crystal Material Production Market Share by Type (2021-2032)

Figure 38. World Sapphire Crystal Material Production Value Market Share by Type (2021-2032)

Figure 39. World Sapphire Crystal Material Average Price by Type (2021-2032) & (US\$/kg)

Figure 40. World Sapphire Crystal Material Production Value by Product Grade, (USD Million), 2021 & 2025 & 2032

Figure 41. World Sapphire Crystal Material Production Value Market Share by Product Grade in 2025

Figure 42. LED Grade Sapphire Crystal

Figure 43. Optical Grade Sapphire Crystal

Figure 44. Semiconductor Grade Sapphire Crystal

Figure 45. Laser Grade Sapphire Crystal

Figure 46. Industrial Grade Sapphire Crystal

Figure 47. Aerospace and Defense Grade Sapphire Crystal

Figure 48. World Sapphire Crystal Material Production Market Share by Product Grade (2021-2032)

Figure 49. World Sapphire Crystal Material Production Value Market Share by Product Grade (2021-2032)

Figure 50. World Sapphire Crystal Material Average Price by Product Grade (2021-2032) & (US\$/kg)

Figure 51. World Sapphire Crystal Material Production Value by Size, (USD Million), 2021 & 2025 & 2032

Figure 52. World Sapphire Crystal Material Production Value Market Share by Size in 2025

Figure 53. 2-inch Sapphire Crystal

Figure 54. 4-inch Sapphire Crystal

Figure 55. 6-inch Sapphire Crystal

Figure 56. 8-inch Sapphire Crystal

Figure 57. Above 8-inch Sapphire Crystal

Figure 58. World Sapphire Crystal Material Production Market Share by Size (2021-2032)

Figure 59. World Sapphire Crystal Material Production Value Market Share by Size (2021-2032)

Figure 60. World Sapphire Crystal Material Average Price by Size (2021-2032) & (US\$/kg)

Figure 61. World Sapphire Crystal Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 62. World Sapphire Crystal Material Production Value Market Share by Application in 2025

Figure 63. LED

Figure 64. Optical Component

Figure 65. Semiconductor Equipment

Figure 66. Consumer Electronics

Figure 67. Watch

Figure 68. Medical Device

Figure 69. Aerospace and Defense Company

Figure 70. Industrial Equipment

Figure 71. Industrial Equipment

Figure 72. World Sapphire Crystal Material Production Market Share by Application (2021-2032)

Figure 73. World Sapphire Crystal Material Production Value Market Share by Application (2021-2032)

Figure 74. World Sapphire Crystal Material Average Price by Application (2021-2032) & (US\$/kg)

Figure 75. Sapphire Crystal Material Industry Chain

Figure 76. Sapphire Crystal Material Procurement Model

Figure 77. Sapphire Crystal Material Sales Model

Figure 78. Sapphire Crystal Material Sales Channels, Direct Sales, and Distribution

Figure 79. Methodology

Figure 80. Research Process and Data Source

I would like to order

Product name: Global Sapphire Crystal Material Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GA6D08B5EA24EN.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/GA6D08B5EA24EN.html>