

Global Artificial Diamond Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GA39FFB32039EN.html>

Date: April 2026

Pages: 110

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

ID: GA39FFB32039EN

Abstracts

The global Artificial Diamond market size is expected to reach \$ 3884 million by 2032, rising at a market growth of 6.8% CAGR during the forecast period (2026-2032). Global sales of synthetic diamonds reached 6.67 million carats in 2025, with an average price of \$352 per carat.

Single crystal diamond is one type of synthetic diamond which is also known as an artificial diamond, cultured diamond, or cultivated diamond. Single crystal diamond is also widely known as HPHT diamond or CVD diamond after the two common production methods (referring to the high-pressure high-temperature and chemical vapor deposition crystal formation methods, respectively). It is wide used in cutting tools, wheel dressing, specialty knives, burnishing tools, wear parts and other wide range of high technology application such as optical, electronic and certain mechanical applications.

The supply of raw materials for synthetic diamonds exhibits significant differences in processing methods and is highly technology-intensive, resulting in varying cost structures depending on the production method. For the HPHT process (accounting for 90% of China's production capacity), raw material costs account for 35-45% of the total cost, of which high-purity graphite powder (carbon source) accounts for 15-20%, metal catalyst powder (nickel, cobalt, and iron alloys, used as catalysts) accounts for 10-15%, and pyrophyllite/dolomite (pressure transmission and sealing medium) accounts for 5-10%. Energy and equipment costs account for 30-40%. HPHT requires a high pressure of 5-6 GPa and a high temperature of 1400-1600° in a six-sided top press. The investment for a single piece of equipment is 1.8 million yuan. Electricity consumption is huge. It takes 7-12 days to grow one carat diamond, and electricity costs account for more than 30% of the manufacturing cost. For CVD (Chemical Vapor

Deposition) methods, raw material costs account for 25-35%, with methane/acetylene (carbon-containing gas) accounting for 10-15%, hydrogen for 5-10%, and single-crystal diamond substrate (seed crystal) for 10-15%. Energy and equipment costs account for 40-50%. CVD requires achieving low temperatures (800-1000?) and low pressures (10-100 Torr) in a microwave plasma reaction chamber. A single unit requires an investment of 1-3 million RMB, with a growth cycle of 2-6 weeks, but it can produce large diamonds of 10-20 carats with higher purity (85% VVS grade). Processing and manufacturing costs account for approximately 15-20%, including cutting, grinding, and polishing (diamonds can only be processed with diamonds). Over 90% of the cutting and grinding is completed in India, while China accounts for only 3%. Overall, synthetic diamonds are mid-to-high-priced, technologically advanced, and energy-intensive new material products. Their cost structure is influenced by multiple factors, including the price of carbon sources such as graphite/methane, electricity costs, equipment depreciation, and the depth of cutting and grinding. China holds a 90% share of the global HPHT market thanks to its six-sided top-press technology and complete industrial chain (the Zhengzhou-Xuchang-Shangqiu industrial belt in Henan). However, it lags behind Europe, America, and India in CVD large-particle technology and downstream cutting, grinding, and brand retail.

This report studies the global Artificial Diamond production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Artificial Diamond total production and demand, 2021-2032, (M Ct)

Global Artificial Diamond total production value, 2021-2032, (USD Million)

Global Artificial Diamond production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (M Ct), (based on production site)

Global Artificial Diamond consumption by region & country, CAGR, 2021-2032 & (M Ct)

U.S. VS China: Artificial Diamond domestic production, consumption, key domestic manufacturers and share

Global Artificial Diamond production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (M Ct)

Global Artificial Diamond production by Type, production, value, CAGR, 2021-2032,

(USD Million) & (M Ct)

Global Artificial Diamond production by Application, production, value, CAGR, 2021-2032, (USD Million) & (M Ct)

This report profiles key players in the global Artificial Diamond 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 Element Six, ILJIN Diamond, Diamond Foundry, Huanghe Whirlwind, Zhongnan Diamond, Sino-Crystal Diamond, Ningbo Crysdiam Technology, Henan Liliang Diamond, Sumitomo Electric Industries, Ila Technologies, 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 Artificial Diamond market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Ct) and average price (US\$/Ct) 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 Artificial Diamond Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Artificial Diamond Market, Segmentation by Type:

HPHT

CVD

Global Artificial Diamond Market, Segmentation by Color:

D-F

G-J

Fancy Diamonds

Global Artificial Diamond Market, Segmentation by Grade:

Industrial Grade

Gem Grade

Global Artificial Diamond Market, Segmentation by Application:

Building Materials

Machining and Cutting Tools

Jewelry

Other

Companies Profiled:

Element Six

ILJIN Diamond

Diamond Foundry

Huanghe Whirlwind

Zhongnan Diamond

Sino-Crystal Diamond

Ningbo Crysdiam Technology

Henan Liliang Diamond

Sumitomo Electric Industries

Ila Technologies

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Artificial Diamond Production Value by Manufacturer (2021-2026)

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

4.4.2 United States Based Manufacturers Artificial Diamond Production Value (2021-2026)

4.4.3 United States Based Manufacturers Artificial Diamond Production (2021-2026)

4.5 China Based Artificial Diamond Manufacturers and Market Share

4.5.1 China Based Artificial Diamond Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Artificial Diamond Production Value (2021-2026)

4.5.3 China Based Manufacturers Artificial Diamond Production (2021-2026)

4.6 Rest of World Based Artificial Diamond Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Artificial Diamond Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Artificial Diamond Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Artificial Diamond Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Artificial Diamond Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 HPHT

5.2.2 CVD

5.3 Market Segment by Type

5.3.1 World Artificial Diamond Production by Type (2021-2032)

5.3.2 World Artificial Diamond Production Value by Type (2021-2032)

5.3.3 World Artificial Diamond Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY COLOR

6.1 World Artificial Diamond Market Size Overview by Color: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Color

6.2.1 D-F

6.2.2 G-J

6.2.3 Fancy Diamonds

6.3 Market Segment by Color

6.3.1 World Artificial Diamond Production by Color (2021-2032)

6.3.2 World Artificial Diamond Production Value by Color (2021-2032)

6.3.3 World Artificial Diamond Average Price by Color (2021-2032)

7 MARKET ANALYSIS BY GRADE

7.1 World Artificial Diamond Market Size Overview by Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Grade

7.2.1 Industrial Grade

7.2.2 Gem Grade

7.3 Market Segment by Grade

7.3.1 World Artificial Diamond Production by Grade (2021-2032)

7.3.2 World Artificial Diamond Production Value by Grade (2021-2032)

7.3.3 World Artificial Diamond Average Price by Grade (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Artificial Diamond Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Building Materials

8.2.2 Machining and Cutting Tools

8.2.3 Jewelry

8.2.4 Other

8.3 Market Segment by Application

8.3.1 World Artificial Diamond Production by Application (2021-2032)

8.3.2 World Artificial Diamond Production Value by Application (2021-2032)

8.3.3 World Artificial Diamond Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Element Six

9.1.1 Element Six Details

9.1.2 Element Six Major Business

9.1.3 Element Six Artificial Diamond Product and Services

9.1.4 Element Six Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Element Six Recent Developments/Updates

9.1.6 Element Six Competitive Strengths & Weaknesses

9.2 ILJIN Diamond

9.2.1 ILJIN Diamond Details

9.2.2 ILJIN Diamond Major Business

9.2.3 ILJIN Diamond Artificial Diamond Product and Services

9.2.4 ILJIN Diamond Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 ILJIN Diamond Recent Developments/Updates

9.2.6 ILJIN Diamond Competitive Strengths & Weaknesses

9.3 Diamond Foundry

9.3.1 Diamond Foundry Details

9.3.2 Diamond Foundry Major Business

9.3.3 Diamond Foundry Artificial Diamond Product and Services

9.3.4 Diamond Foundry Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Diamond Foundry Recent Developments/Updates

9.3.6 Diamond Foundry Competitive Strengths & Weaknesses

9.4 Huanghe Whirlwind

9.4.1 Huanghe Whirlwind Details

9.4.2 Huanghe Whirlwind Major Business

9.4.3 Huanghe Whirlwind Artificial Diamond Product and Services

9.4.4 Huanghe Whirlwind Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Huanghe Whirlwind Recent Developments/Updates

9.4.6 Huanghe Whirlwind Competitive Strengths & Weaknesses

9.5 Zhongnan Diamond

9.5.1 Zhongnan Diamond Details

9.5.2 Zhongnan Diamond Major Business

9.5.3 Zhongnan Diamond Artificial Diamond Product and Services

9.5.4 Zhongnan Diamond Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Zhongnan Diamond Recent Developments/Updates

9.5.6 Zhongnan Diamond Competitive Strengths & Weaknesses

9.6 Sino-Crystal Diamond

9.6.1 Sino-Crystal Diamond Details

9.6.2 Sino-Crystal Diamond Major Business

9.6.3 Sino-Crystal Diamond Artificial Diamond Product and Services

9.6.4 Sino-Crystal Diamond Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Sino-Crystal Diamond Recent Developments/Updates

9.6.6 Sino-Crystal Diamond Competitive Strengths & Weaknesses

9.7 Ningbo Crysdiem Technology

9.7.1 Ningbo Crysdiem Technology Details

9.7.2 Ningbo Crysdiem Technology Major Business

- 9.7.3 Ningbo Crysdiam Technology Artificial Diamond Product and Services
- 9.7.4 Ningbo Crysdiam Technology Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 Ningbo Crysdiam Technology Recent Developments/Updates
- 9.7.6 Ningbo Crysdiam Technology Competitive Strengths & Weaknesses
- 9.8 Henan Liliang Diamond
 - 9.8.1 Henan Liliang Diamond Details
 - 9.8.2 Henan Liliang Diamond Major Business
 - 9.8.3 Henan Liliang Diamond Artificial Diamond Product and Services
 - 9.8.4 Henan Liliang Diamond Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Henan Liliang Diamond Recent Developments/Updates
 - 9.8.6 Henan Liliang Diamond Competitive Strengths & Weaknesses
- 9.9 Sumitomo Electric Industries
 - 9.9.1 Sumitomo Electric Industries Details
 - 9.9.2 Sumitomo Electric Industries Major Business
 - 9.9.3 Sumitomo Electric Industries Artificial Diamond Product and Services
 - 9.9.4 Sumitomo Electric Industries Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Sumitomo Electric Industries Recent Developments/Updates
 - 9.9.6 Sumitomo Electric Industries Competitive Strengths & Weaknesses
- 9.10 Ila Technologies
 - 9.10.1 Ila Technologies Details
 - 9.10.2 Ila Technologies Major Business
 - 9.10.3 Ila Technologies Artificial Diamond Product and Services
 - 9.10.4 Ila Technologies Artificial Diamond Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Ila Technologies Recent Developments/Updates
 - 9.10.6 Ila Technologies Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Artificial Diamond Industry Chain
- 10.2 Artificial Diamond Upstream Analysis
 - 10.2.1 Artificial Diamond Core Raw Materials
 - 10.2.2 Main Manufacturers of Artificial Diamond Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Artificial Diamond Production Mode

10.6 Artificial Diamond Procurement Model

10.7 Artificial Diamond Industry Sales Model and Sales Channels

10.7.1 Artificial Diamond Sales Model

10.7.2 Artificial Diamond 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 Artificial Diamond Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Artificial Diamond Production Value by Region (2021-2026) & (USD Million)

Table 3. World Artificial Diamond Production Value by Region (2027-2032) & (USD Million)

Table 4. World Artificial Diamond Production Value Market Share by Region (2021-2026)

Table 5. World Artificial Diamond Production Value Market Share by Region (2027-2032)

Table 6. World Artificial Diamond Production by Region (2021-2026) & (M Ct)

Table 7. World Artificial Diamond Production by Region (2027-2032) & (M Ct)

Table 8. World Artificial Diamond Production Market Share by Region (2021-2026)

Table 9. World Artificial Diamond Production Market Share by Region (2027-2032)

Table 10. World Artificial Diamond Average Price by Region (2021-2026) & (US\$/Ct)

Table 11. World Artificial Diamond Average Price by Region (2027-2032) & (US\$/Ct)

Table 12. Artificial Diamond Major Market Trends

Table 13. World Artificial Diamond Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (M Ct)

Table 14. World Artificial Diamond Consumption by Region (2021-2026) & (M Ct)

Table 15. World Artificial Diamond Consumption Forecast by Region (2027-2032) & (M Ct)

Table 16. World Artificial Diamond Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Artificial Diamond Producers in 2025

Table 18. World Artificial Diamond Production by Manufacturer (2021-2026) & (M Ct)

Table 19. Production Market Share of Key Artificial Diamond Producers in 2025

Table 20. World Artificial Diamond Average Price by Manufacturer (2021-2026) & (US\$/Ct)

Table 21. Global Artificial Diamond Company Evaluation Quadrant

Table 22. World Artificial Diamond Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Artificial Diamond Production Site of Key Manufacturer

Table 24. Artificial Diamond Market: Company Product Type Footprint

Table 25. Artificial Diamond Market: Company Product Application Footprint

- Table 26. Artificial Diamond Competitive Factors
- Table 27. Artificial Diamond New Entrant and Capacity Expansion Plans
- Table 28. Artificial Diamond Mergers & Acquisitions Activity
- Table 29. United States VS China Artificial Diamond Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Artificial Diamond Production Comparison, (2021 & 2025 & 2032) & (M Ct)
- Table 31. United States VS China Artificial Diamond Consumption Comparison, (2021 & 2025 & 2032) & (M Ct)
- Table 32. United States Based Artificial Diamond Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Artificial Diamond Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers Artificial Diamond Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers Artificial Diamond Production (2021-2026) & (M Ct)
- Table 36. United States Based Manufacturers Artificial Diamond Production Market Share (2021-2026)
- Table 37. China Based Artificial Diamond Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Artificial Diamond Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers Artificial Diamond Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers Artificial Diamond Production, (2021-2026) & (M Ct)
- Table 41. China Based Manufacturers Artificial Diamond Production Market Share (2021-2026)
- Table 42. Rest of World Based Artificial Diamond Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Artificial Diamond Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Artificial Diamond Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Artificial Diamond Production, (2021-2026) & (M Ct)
- Table 46. Rest of World Based Manufacturers Artificial Diamond Production Market Share (2021-2026)

Table 47. World Artificial Diamond Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Artificial Diamond Production by Type (2021-2026) & (M Ct)

Table 49. World Artificial Diamond Production by Type (2027-2032) & (M Ct)

Table 50. World Artificial Diamond Production Value by Type (2021-2026) & (USD Million)

Table 51. World Artificial Diamond Production Value by Type (2027-2032) & (USD Million)

Table 52. World Artificial Diamond Average Price by Type (2021-2026) & (US\$/Ct)

Table 53. World Artificial Diamond Average Price by Type (2027-2032) & (US\$/Ct)

Table 54. World Artificial Diamond Production Value by Color, (USD Million), 2021 & 2025 & 2032

Table 55. World Artificial Diamond Production by Color (2021-2026) & (M Ct)

Table 56. World Artificial Diamond Production by Color (2027-2032) & (M Ct)

Table 57. World Artificial Diamond Production Value by Color (2021-2026) & (USD Million)

Table 58. World Artificial Diamond Production Value by Color (2027-2032) & (USD Million)

Table 59. World Artificial Diamond Average Price by Color (2021-2026) & (US\$/Ct)

Table 60. World Artificial Diamond Average Price by Color (2027-2032) & (US\$/Ct)

Table 61. World Artificial Diamond Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World Artificial Diamond Production by Grade (2021-2026) & (M Ct)

Table 63. World Artificial Diamond Production by Grade (2027-2032) & (M Ct)

Table 64. World Artificial Diamond Production Value by Grade (2021-2026) & (USD Million)

Table 65. World Artificial Diamond Production Value by Grade (2027-2032) & (USD Million)

Table 66. World Artificial Diamond Average Price by Grade (2021-2026) & (US\$/Ct)

Table 67. World Artificial Diamond Average Price by Grade (2027-2032) & (US\$/Ct)

Table 68. World Artificial Diamond Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Artificial Diamond Production by Application (2021-2026) & (M Ct)

Table 70. World Artificial Diamond Production by Application (2027-2032) & (M Ct)

Table 71. World Artificial Diamond Production Value by Application (2021-2026) & (USD Million)

Table 72. World Artificial Diamond Production Value by Application (2027-2032) & (USD Million)

Table 73. World Artificial Diamond Average Price by Application (2021-2026) &

(US\$/Ct)

Table 74. World Artificial Diamond Average Price by Application (2027-2032) & (US\$/Ct)

Table 75. Element Six Basic Information, Manufacturing Base and Competitors

Table 76. Element Six Major Business

Table 77. Element Six Artificial Diamond Product and Services

Table 78. Element Six Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Element Six Recent Developments/Updates

Table 80. Element Six Competitive Strengths & Weaknesses

Table 81. ILJIN Diamond Basic Information, Manufacturing Base and Competitors

Table 82. ILJIN Diamond Major Business

Table 83. ILJIN Diamond Artificial Diamond Product and Services

Table 84. ILJIN Diamond Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. ILJIN Diamond Recent Developments/Updates

Table 86. ILJIN Diamond Competitive Strengths & Weaknesses

Table 87. Diamond Foundry Basic Information, Manufacturing Base and Competitors

Table 88. Diamond Foundry Major Business

Table 89. Diamond Foundry Artificial Diamond Product and Services

Table 90. Diamond Foundry Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Diamond Foundry Recent Developments/Updates

Table 92. Diamond Foundry Competitive Strengths & Weaknesses

Table 93. Huanghe Whirlwind Basic Information, Manufacturing Base and Competitors

Table 94. Huanghe Whirlwind Major Business

Table 95. Huanghe Whirlwind Artificial Diamond Product and Services

Table 96. Huanghe Whirlwind Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Huanghe Whirlwind Recent Developments/Updates

Table 98. Huanghe Whirlwind Competitive Strengths & Weaknesses

Table 99. Zhongnan Diamond Basic Information, Manufacturing Base and Competitors

Table 100. Zhongnan Diamond Major Business

Table 101. Zhongnan Diamond Artificial Diamond Product and Services

Table 102. Zhongnan Diamond Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Zhongnan Diamond Recent Developments/Updates

Table 104. Zhongnan Diamond Competitive Strengths & Weaknesses

Table 105. Sino-Crystal Diamond Basic Information, Manufacturing Base and

Competitors

Table 106. Sino-Crystal Diamond Major Business

Table 107. Sino-Crystal Diamond Artificial Diamond Product and Services

Table 108. Sino-Crystal Diamond Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Sino-Crystal Diamond Recent Developments/Updates

Table 110. Sino-Crystal Diamond Competitive Strengths & Weaknesses

Table 111. Ningbo Crysdiem Technology Basic Information, Manufacturing Base and Competitors

Table 112. Ningbo Crysdiem Technology Major Business

Table 113. Ningbo Crysdiem Technology Artificial Diamond Product and Services

Table 114. Ningbo Crysdiem Technology Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Ningbo Crysdiem Technology Recent Developments/Updates

Table 116. Ningbo Crysdiem Technology Competitive Strengths & Weaknesses

Table 117. Henan Liliang Diamond Basic Information, Manufacturing Base and Competitors

Table 118. Henan Liliang Diamond Major Business

Table 119. Henan Liliang Diamond Artificial Diamond Product and Services

Table 120. Henan Liliang Diamond Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Henan Liliang Diamond Recent Developments/Updates

Table 122. Henan Liliang Diamond Competitive Strengths & Weaknesses

Table 123. Sumitomo Electric Industries Basic Information, Manufacturing Base and Competitors

Table 124. Sumitomo Electric Industries Major Business

Table 125. Sumitomo Electric Industries Artificial Diamond Product and Services

Table 126. Sumitomo Electric Industries Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Sumitomo Electric Industries Recent Developments/Updates

Table 128. Sumitomo Electric Industries Competitive Strengths & Weaknesses

Table 129. Ila Technologies Basic Information, Manufacturing Base and Competitors

Table 130. Ila Technologies Major Business

Table 131. Ila Technologies Artificial Diamond Product and Services

Table 132. Ila Technologies Artificial Diamond Production (M Ct), Price (US\$/Ct), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Ila Technologies Recent Developments/Updates

Table 134. Ila Technologies Competitive Strengths & Weaknesses

Table 135. Global Key Players of Artificial Diamond Upstream (Raw Materials)

Table 136. Global Artificial Diamond Typical Customers

Table 137. Artificial Diamond Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Artificial Diamond Picture

Figure 2. World Artificial Diamond Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Artificial Diamond Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Artificial Diamond Production (2021-2032) & (M Ct)

Figure 5. World Artificial Diamond Average Price (2021-2032) & (US\$/Ct)

Figure 6. World Artificial Diamond Production Value Market Share by Region (2021-2032)

Figure 7. World Artificial Diamond Production Market Share by Region (2021-2032)

Figure 8. North America Artificial Diamond Production (2021-2032) & (M Ct)

Figure 9. Europe Artificial Diamond Production (2021-2032) & (M Ct)

Figure 10. China Artificial Diamond Production (2021-2032) & (M Ct)

Figure 11. Japan Artificial Diamond Production (2021-2032) & (M Ct)

Figure 12. Artificial Diamond Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 15. World Artificial Diamond Consumption Market Share by Region (2021-2032)

Figure 16. United States Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 17. China Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 18. Europe Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 19. Japan Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 20. South Korea Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 21. ASEAN Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 22. India Artificial Diamond Consumption (2021-2032) & (M Ct)

Figure 23. Producer Shipments of Artificial Diamond by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Artificial Diamond Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Artificial Diamond Markets in 2025

Figure 26. United States VS China: Artificial Diamond Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Artificial Diamond Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Artificial Diamond Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Artificial Diamond Production Market Share 2025

Figure 30. China Based Manufacturers Artificial Diamond Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Artificial Diamond Production Market Share 2025

Figure 32. World Artificial Diamond Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Artificial Diamond Production Value Market Share by Type in 2025

Figure 34. HPHT

Figure 35. CVD

Figure 36. World Artificial Diamond Production Market Share by Type (2021-2032)

Figure 37. World Artificial Diamond Production Value Market Share by Type (2021-2032)

Figure 38. World Artificial Diamond Average Price by Type (2021-2032) & (US\$/Ct)

Figure 39. World Artificial Diamond Production Value by Color, (USD Million), 2021 & 2025 & 2032

Figure 40. World Artificial Diamond Production Value Market Share by Color in 2025

Figure 41. D-F

Figure 42. G-J

Figure 43. Fancy Diamonds

Figure 44. World Artificial Diamond Production Market Share by Color (2021-2032)

Figure 45. World Artificial Diamond Production Value Market Share by Color (2021-2032)

Figure 46. World Artificial Diamond Average Price by Color (2021-2032) & (US\$/Ct)

Figure 47. World Artificial Diamond Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Figure 48. World Artificial Diamond Production Value Market Share by Grade in 2025

Figure 49. Industrial Grade

Figure 50. Gem Grade

Figure 51. World Artificial Diamond Production Market Share by Grade (2021-2032)

Figure 52. World Artificial Diamond Production Value Market Share by Grade (2021-2032)

Figure 53. World Artificial Diamond Average Price by Grade (2021-2032) & (US\$/Ct)

Figure 54. World Artificial Diamond Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Artificial Diamond Production Value Market Share by Application in 2025

Figure 56. Building Materials

Figure 57. Machining and Cutting Tools

Figure 58. Jewelry

Figure 59. Other

Figure 60. World Artificial Diamond Production Market Share by Application
(2021-2032)

Figure 61. World Artificial Diamond Production Value Market Share by Application
(2021-2032)

Figure 62. World Artificial Diamond Average Price by Application (2021-2032) &
(US\$/Ct)

Figure 63. Artificial Diamond Industry Chain

Figure 64. Artificial Diamond Procurement Model

Figure 65. Artificial Diamond Sales Model

Figure 66. Artificial Diamond Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Artificial Diamond Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GA39FFB32039EN.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/GA39FFB32039EN.html>