

# Global CVD Diamond Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global CVD Diamond market size was valued at US\$ 510 million in 2025 and is forecast to a readjusted size of US\$ 842 million by 2032 with a CAGR of 7.5% during review period.

This report studies the CVD Diamond market, CVD is an acronym for chemical vapor deposition. This means that a material is deposited from a gas onto a substrate and that chemical reactions are involved. CVD Diamond is a synthetic diamond prepared by CVD techniques. Generally, low pressure of CVD diamond is applied.

Global CVD Diamond key players include Element Six, Ila Technologies, Sumitomo Electric, etc. Global top three manufacturers hold a share about 65%.

Europe is the largest market, with a share about 40%, followed by North America and Asia-Pacific, both have a share over 50 percent.

In terms of product, Rough is the largest segment, with a share over 60%. And in terms of application, the largest application is Machine & Cutting Tools, followed by Thermal Applications, Electrochemical Applications, Gem Segment, etc.

This report is a detailed and comprehensive analysis for global CVD Diamond 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 2025, are provided.

### **Key Features:**

Global CVD Diamond market size and forecasts, in consumption value (\$ Million), sales quantity (K Carats), and average selling prices (USD/Carat), 2021-2032

Global CVD Diamond market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Carats), and average selling prices (USD/Carat), 2021-2032

Global CVD Diamond market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Carats), and average selling prices (USD/Carat), 2021-2032

Global CVD Diamond market shares of main players, shipments in revenue (\$ Million), sales quantity (K Carats), and ASP (USD/Carat), 2021-2026

### **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 CVD Diamond

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 CVD Diamond market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Element Six, Ila Technologies, Sumitomo Electric, Morgan, ADT, SP3, Diamond Materials, Hebei Plasma, EDP, DDK, etc.

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

### **Market Segmentation**

CVD Diamond market is split by Type and by Application. For the period 2021-2032, 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

Rough

Polished

#### Market segment by Application

Machine & Cutting Tools

Thermal Applications

Electrochemical Applications

Gem Segment

Others

#### Major players covered

Element Six

Ila Technologies

Sumitomo Electric

Morgan

ADT

SP3

Diamond Materials

Hebei Plasma

EDP

DDK

Beijing Worldia

Applied Diamond

Scio Diamond

Heyaru Group

BetterThanDiamond

Jingzuan

Huanghe Whirlwind

UniDiamond

### **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 CVD Diamond product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of CVD Diamond, with price, sales quantity, revenue, and global market share of CVD Diamond from 2021 to 2026.

Chapter 3, the CVD Diamond competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the CVD Diamond breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and CVD Diamond market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of CVD Diamond.

Chapter 14 and 15, to describe CVD Diamond sales channel, distributors, customers, research findings and conclusion.

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