

# Global CVD Diamond Market Professional Survey Report 2017

<https://marketpublishers.com/r/G98B60A1D2BEN.html>

Date: October 2017

Pages: 113

Price: US\$ 3,500.00 (Single User License)

ID: G98B60A1D2BEN

## Abstracts

This report studies CVD Diamond in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2012 to 2016, and forecast to 2022.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

Element Six

SP3

Morgan Advanced Materials

DIDCO

DDK

Advanced Diamond

UniDiamond

Sumitomo Electric

EDP

Diamond Materials

Scio Diamond

Hebei Plasma Diamond

Beijing Worldia

Huanghe Whirlwind

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Hot filament-CVD Diamond

Microwave Plasma-CVD Diamond

DC Arc Plasma Jet-CVD Diamond

Flame deposition-CVD Diamond

Laser-assisted- CVD Diamond

Others

By Application, the market can be split into

Optical Applications

Thermal Applications

Sensor Applications

Mechanical Applications

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

### Global CVD Diamond Market Professional Survey Report 2017

#### **1 INDUSTRY OVERVIEW OF CVD DIAMOND**

##### 1.1 Definition and Specifications of CVD Diamond

1.1.1 Definition of CVD Diamond

1.1.2 Specifications of CVD Diamond

##### 1.2 Classification of CVD Diamond

1.2.1 Hot filament-CVD Diamond

1.2.2 Microwave Plasma-CVD Diamond

1.2.3 DC Arc Plasma Jet-CVD Diamond

1.2.4 Flame deposition-CVD Diamond

1.2.5 Laser-assisted- CVD Diamond

1.2.6 Others

##### 1.3 Applications of CVD Diamond

1.3.1 Optical Applications

1.3.2 Thermal Applications

1.3.3 Sensor Applications

1.3.4 Mechanical Applications

##### 1.4 Market Segment by Regions

1.4.1 North America

1.4.2 China

1.4.3 Europe

1.4.4 Southeast Asia

1.4.5 Japan

1.4.6 India

#### **2 MANUFACTURING COST STRUCTURE ANALYSIS OF CVD DIAMOND**

##### 2.1 Raw Material and Suppliers

##### 2.2 Manufacturing Cost Structure Analysis of CVD Diamond

##### 2.3 Manufacturing Process Analysis of CVD Diamond

##### 2.4 Industry Chain Structure of CVD Diamond

#### **3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF CVD DIAMOND**

3.1 Capacity and Commercial Production Date of Global CVD Diamond Major Manufacturers in 2016

3.2 Manufacturing Plants Distribution of Global CVD Diamond Major Manufacturers in 2016

3.3 R&D Status and Technology Source of Global CVD Diamond Major Manufacturers in 2016

3.4 Raw Materials Sources Analysis of Global CVD Diamond Major Manufacturers in 2016

## **4 GLOBAL CVD DIAMOND OVERALL MARKET OVERVIEW**

4.1 2012-2017E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2012-2017E Global CVD Diamond Capacity and Growth Rate Analysis

4.2.2 2016 CVD Diamond Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2012-2017E Global CVD Diamond Sales and Growth Rate Analysis

4.3.2 2016 CVD Diamond Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2012-2017E Global CVD Diamond Sales Price

4.4.2 2016 CVD Diamond Sales Price Analysis (Company Segment)

## **5 CVD DIAMOND REGIONAL MARKET ANALYSIS**

5.1 North America CVD Diamond Market Analysis

5.1.1 North America CVD Diamond Market Overview

5.1.2 North America 2012-2017E CVD Diamond Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2012-2017E CVD Diamond Sales Price Analysis

5.1.4 North America 2016 CVD Diamond Market Share Analysis

5.2 China CVD Diamond Market Analysis

5.2.1 China CVD Diamond Market Overview

5.2.2 China 2012-2017E CVD Diamond Local Supply, Import, Export, Local Consumption Analysis

5.2.3 China 2012-2017E CVD Diamond Sales Price Analysis

5.2.4 China 2016 CVD Diamond Market Share Analysis

5.3 Europe CVD Diamond Market Analysis

5.3.1 Europe CVD Diamond Market Overview

5.3.2 Europe 2012-2017E CVD Diamond Local Supply, Import, Export, Local

## Consumption Analysis

5.3.3 Europe 2012-2017E CVD Diamond Sales Price Analysis

5.3.4 Europe 2016 CVD Diamond Market Share Analysis

## 5.4 Southeast Asia CVD Diamond Market Analysis

5.4.1 Southeast Asia CVD Diamond Market Overview

5.4.2 Southeast Asia 2012-2017E CVD Diamond Local Supply, Import, Export, Local

## Consumption Analysis

5.4.3 Southeast Asia 2012-2017E CVD Diamond Sales Price Analysis

5.4.4 Southeast Asia 2016 CVD Diamond Market Share Analysis

## 5.5 Japan CVD Diamond Market Analysis

5.5.1 Japan CVD Diamond Market Overview

5.5.2 Japan 2012-2017E CVD Diamond Local Supply, Import, Export, Local

## Consumption Analysis

5.5.3 Japan 2012-2017E CVD Diamond Sales Price Analysis

5.5.4 Japan 2016 CVD Diamond Market Share Analysis

## 5.6 India CVD Diamond Market Analysis

5.6.1 India CVD Diamond Market Overview

5.6.2 India 2012-2017E CVD Diamond Local Supply, Import, Export, Local

## Consumption Analysis

5.6.3 India 2012-2017E CVD Diamond Sales Price Analysis

5.6.4 India 2016 CVD Diamond Market Share Analysis

## **6 GLOBAL 2012-2017E CVD DIAMOND SEGMENT MARKET ANALYSIS (BY TYPE)**

6.1 Global 2012-2017E CVD Diamond Sales by Type

6.2 Different Types of CVD Diamond Product Interview Price Analysis

6.3 Different Types of CVD Diamond Product Driving Factors Analysis

6.3.1 Hot filament-CVD Diamond of CVD Diamond Growth Driving Factor Analysis

6.3.2 Microwave Plasma-CVD Diamond of CVD Diamond Growth Driving Factor

## Analysis

6.3.3 DC Arc Plasma Jet-CVD Diamond of CVD Diamond Growth Driving Factor

## Analysis

6.3.4 Flame deposition-CVD Diamond of CVD Diamond Growth Driving Factor

## Analysis

6.3.5 Laser-assisted- CVD Diamond of CVD Diamond Growth Driving Factor Analysis

6.3.6 Others of CVD Diamond Growth Driving Factor Analysis

## **7 GLOBAL 2012-2017E CVD DIAMOND SEGMENT MARKET ANALYSIS (BY APPLICATION)**

- 7.1 Global 2012-2017E CVD Diamond Consumption by Application
- 7.2 Different Application of CVD Diamond Product Interview Price Analysis
- 7.3 Different Application of CVD Diamond Product Driving Factors Analysis
  - 7.3.1 Optical Applications of CVD Diamond Growth Driving Factor Analysis
  - 7.3.2 Thermal Applications of CVD Diamond Growth Driving Factor Analysis
  - 7.3.3 Sensor Applications of CVD Diamond Growth Driving Factor Analysis
  - 7.3.4 Mechanical Applications of CVD Diamond Growth Driving Factor Analysis

## **8 MAJOR MANUFACTURERS ANALYSIS OF CVD DIAMOND**

### 8.1 Element Six

#### 8.1.1 Company Profile

#### 8.1.2 Product Picture and Specifications

##### 8.1.2.1 Product A

##### 8.1.2.2 Product B

#### 8.1.3 Element Six 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.1.4 Element Six 2016 CVD Diamond Business Region Distribution Analysis

### 8.2 SP3

#### 8.2.1 Company Profile

#### 8.2.2 Product Picture and Specifications

##### 8.2.2.1 Product A

##### 8.2.2.2 Product B

#### 8.2.3 SP3 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.2.4 SP3 2016 CVD Diamond Business Region Distribution Analysis

### 8.3 Morgan Advanced Materials

#### 8.3.1 Company Profile

#### 8.3.2 Product Picture and Specifications

##### 8.3.2.1 Product A

##### 8.3.2.2 Product B

#### 8.3.3 Morgan Advanced Materials 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.3.4 Morgan Advanced Materials 2016 CVD Diamond Business Region Distribution Analysis

### 8.4 DIDCO

#### 8.4.1 Company Profile

#### 8.4.2 Product Picture and Specifications

8.4.2.1 Product A

8.4.2.2 Product B

8.4.3 DIDCO 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.4.4 DIDCO 2016 CVD Diamond Business Region Distribution Analysis

8.5 DDK

8.5.1 Company Profile

8.5.2 Product Picture and Specifications

8.5.2.1 Product A

8.5.2.2 Product B

8.5.3 DDK 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.5.4 DDK 2016 CVD Diamond Business Region Distribution Analysis

8.6 Advanced Diamond

8.6.1 Company Profile

8.6.2 Product Picture and Specifications

8.6.2.1 Product A

8.6.2.2 Product B

8.6.3 Advanced Diamond 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 Advanced Diamond 2016 CVD Diamond Business Region Distribution Analysis

8.7 UniDiamond

8.7.1 Company Profile

8.7.2 Product Picture and Specifications

8.7.2.1 Product A

8.7.2.2 Product B

8.7.3 UniDiamond 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.7.4 UniDiamond 2016 CVD Diamond Business Region Distribution Analysis

8.8 Sumitomo Electric

8.8.1 Company Profile

8.8.2 Product Picture and Specifications

8.8.2.1 Product A

8.8.2.2 Product B

8.8.3 Sumitomo Electric 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.8.4 Sumitomo Electric 2016 CVD Diamond Business Region Distribution Analysis

8.9 EDP

8.9.1 Company Profile



- 8.9.2 Product Picture and Specifications
  - 8.9.2.1 Product A
  - 8.9.2.2 Product B
- 8.9.3 EDP 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.9.4 EDP 2016 CVD Diamond Business Region Distribution Analysis
- 8.10 Diamond Materials
  - 8.10.1 Company Profile
  - 8.10.2 Product Picture and Specifications
    - 8.10.2.1 Product A
    - 8.10.2.2 Product B
  - 8.10.3 Diamond Materials 2016 CVD Diamond Sales, Ex-factory Price, Revenue, Gross Margin Analysis
  - 8.10.4 Diamond Materials 2016 CVD Diamond Business Region Distribution Analysis
- 8.11 Scio Diamond
- 8.12 Hebei Plasma Diamond
- 8.13 Beijing Worldia
- 8.14 Huanghe Whirlwind

## **9 DEVELOPMENT TREND OF ANALYSIS OF CVD DIAMOND MARKET**

- 9.1 Global CVD Diamond Market Trend Analysis
  - 9.1.1 Global 2017-2022 CVD Diamond Market Size (Volume and Value) Forecast
  - 9.1.2 Global 2017-2022 CVD Diamond Sales Price Forecast
- 9.2 CVD Diamond Regional Market Trend
  - 9.2.1 North America 2017-2022 CVD Diamond Consumption Forecast
  - 9.2.2 China 2017-2022 CVD Diamond Consumption Forecast
  - 9.2.3 Europe 2017-2022 CVD Diamond Consumption Forecast
  - 9.2.4 Southeast Asia 2017-2022 CVD Diamond Consumption Forecast
  - 9.2.5 Japan 2017-2022 CVD Diamond Consumption Forecast
  - 9.2.6 India 2017-2022 CVD Diamond Consumption Forecast
- 9.3 CVD Diamond Market Trend (Product Type)
- 9.4 CVD Diamond Market Trend (Application)

## **10 CVD DIAMOND MARKETING TYPE ANALYSIS**

- 10.1 CVD Diamond Regional Marketing Type Analysis
- 10.2 CVD Diamond International Trade Type Analysis
- 10.3 Traders or Distributors with Contact Information of CVD Diamond by Region

## 10.4 CVD Diamond Supply Chain Analysis

## **11 CONSUMERS ANALYSIS OF CVD DIAMOND**

11.1 Consumer 1 Analysis

11.2 Consumer 2 Analysis

11.3 Consumer 3 Analysis

11.4 Consumer 4 Analysis

## **12 CONCLUSION OF THE GLOBAL CVD DIAMOND MARKET PROFESSIONAL SURVEY REPORT 2017**

Methodology

Analyst Introduction

Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of CVD Diamond  
Table Product Specifications of CVD Diamond  
Table Classification of CVD Diamond  
Figure Global Production Market Share of CVD Diamond by Type in 2016  
Figure Hot filament-CVD Diamond Picture  
Table Major Manufacturers of Hot filament-CVD Diamond  
Figure Microwave Plasma-CVD Diamond Picture  
Table Major Manufacturers of Microwave Plasma-CVD Diamond  
Figure DC Arc Plasma Jet-CVD Diamond Picture  
Table Major Manufacturers of DC Arc Plasma Jet-CVD Diamond  
Figure Flame deposition-CVD Diamond Picture  
Table Major Manufacturers of Flame deposition-CVD Diamond  
Figure Laser-assisted- CVD Diamond Picture  
Table Major Manufacturers of Laser-assisted- CVD Diamond  
Figure Others Picture  
Table Major Manufacturers of Others  
Table Applications of CVD Diamond  
Figure Global Consumption Volume Market Share of CVD Diamond by Application in 2016  
Figure Optical Applications Examples  
Table Major Consumers in Optical Applications  
Figure Thermal Applications Examples  
Table Major Consumers in Thermal Applications  
Figure Sensor Applications Examples  
Table Major Consumers in Sensor Applications  
Figure Mechanical Applications Examples  
Table Major Consumers in Mechanical Applications  
Figure Market Share of CVD Diamond by Regions  
Figure North America CVD Diamond Market Size (Million USD) (2012-2022)  
Figure China CVD Diamond Market Size (Million USD) (2012-2022)  
Figure Europe CVD Diamond Market Size (Million USD) (2012-2022)  
Figure Southeast Asia CVD Diamond Market Size (Million USD) (2012-2022)  
Figure Japan CVD Diamond Market Size (Million USD) (2012-2022)  
Figure India CVD Diamond Market Size (Million USD) (2012-2022)  
Table CVD Diamond Raw Material and Suppliers

Table Manufacturing Cost Structure Analysis of CVD Diamond in 2016  
Figure Manufacturing Process Analysis of CVD Diamond  
Figure Industry Chain Structure of CVD Diamond  
Table Capacity and Commercial Production Date of Global CVD Diamond Major Manufacturers in 2016  
Table Manufacturing Plants Distribution of Global CVD Diamond Major Manufacturers in 2016  
Table R&D Status and Technology Source of Global CVD Diamond Major Manufacturers in 2016  
Table Raw Materials Sources Analysis of Global CVD Diamond Major Manufacturers in 2016  
Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of CVD Diamond 2012-2017  
Figure Global 2012-2017E CVD Diamond Market Size (Volume) and Growth Rate  
Figure Global 2012-2017E CVD Diamond Market Size (Value) and Growth Rate  
Table 2012-2017E Global CVD Diamond Capacity and Growth Rate  
Table 2016 Global CVD Diamond Capacity (K MT) List (Company Segment)  
Table 2012-2017E Global CVD Diamond Sales (K MT) and Growth Rate  
Table 2016 Global CVD Diamond Sales (K MT) List (Company Segment)  
Table 2012-2017E Global CVD Diamond Sales Price (USD/MT)  
Table 2016 Global CVD Diamond Sales Price (USD/MT) List (Company Segment)  
Figure North America Capacity Overview  
Table North America Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E  
Figure North America 2012-2017E CVD Diamond Sales Price (USD/MT)  
Figure North America 2016 CVD Diamond Sales Market Share  
Figure China Capacity Overview  
Table China Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E  
Figure China 2012-2017E CVD Diamond Sales Price (USD/MT)  
Figure China 2016 CVD Diamond Sales Market Share  
Figure Europe Capacity Overview  
Table Europe Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E  
Figure Europe 2012-2017E CVD Diamond Sales Price (USD/MT)  
Figure Europe 2016 CVD Diamond Sales Market Share  
Figure Southeast Asia Capacity Overview  
Table Southeast Asia Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E

Figure Southeast Asia 2012-2017E CVD Diamond Sales Price (USD/MT)

Figure Southeast Asia 2016 CVD Diamond Sales Market Share

Figure Japan Capacity Overview

Table Japan Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E

Figure Japan 2012-2017E CVD Diamond Sales Price (USD/MT)

Figure Japan 2016 CVD Diamond Sales Market Share

Figure India Capacity Overview

Table India Supply, Import, Export and Consumption (K MT) of CVD Diamond 2012-2017E

Figure India 2012-2017E CVD Diamond Sales Price (USD/MT)

Figure India 2016 CVD Diamond Sales Market Share

Table Global 2012-2017E CVD Diamond Sales (K MT) by Type

Table Different Types CVD Diamond Product Interview Price

Table Global 2012-2017E CVD Diamond Sales (K MT) by Application

Table Different Application CVD Diamond Product Interview Price

Table Element Six Information List

Table Product A Overview

Table Product B Overview

Table 2016 Element Six CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)

Figure 2016 Element Six CVD Diamond Business Region Distribution

Table SP3 Information List

Table Product A Overview

Table Product B Overview

Table 2016 SP3 CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)

Figure 2016 SP3 CVD Diamond Business Region Distribution

Table Morgan Advanced Materials Information List

Table Product A Overview

Table Product B Overview

Table 2015 Morgan Advanced Materials CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)

Figure 2016 Morgan Advanced Materials CVD Diamond Business Region Distribution

Table DIDCO Information List

Table Product A Overview

Table Product B Overview

Table 2016 DIDCO CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)

Figure 2016 DIDCO CVD Diamond Business Region Distribution  
Table DDK Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 DDK CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 DDK CVD Diamond Business Region Distribution  
Table Advanced Diamond Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 Advanced Diamond CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 Advanced Diamond CVD Diamond Business Region Distribution  
Table UniDiamond Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 UniDiamond CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 UniDiamond CVD Diamond Business Region Distribution  
Table Sumitomo Electric Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 Sumitomo Electric CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 Sumitomo Electric CVD Diamond Business Region Distribution  
Table EDP Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 EDP CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 EDP CVD Diamond Business Region Distribution  
Table Diamond Materials Information List  
Table Product A Overview  
Table Product B Overview  
Table 2016 Diamond Materials CVD Diamond Revenue (Million USD), Sales (K MT), Ex-factory Price (USD/MT)  
Figure 2016 Diamond Materials CVD Diamond Business Region Distribution  
Table Scio Diamond Information List  
Table Hebei Plasma Diamond Information List

Table Beijing Worldia Information List

Table Huanghe Whirlwind Information List

Figure Global 2017-2022 CVD Diamond Market Size (K MT) and Growth Rate Forecast

Figure Global 2017-2022 CVD Diamond Market Size (Million USD) and Growth Rate Forecast

Figure Global 2017-2022 CVD Diamond Sales Price (USD/MT) Forecast

Figure North America 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Figure China 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Figure Europe 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Figure Southeast Asia 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Figure Japan 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Figure India 2017-2022 CVD Diamond Consumption Volume (K MT) and Growth Rate Forecast

Table Global Sales Volume (K MT) of CVD Diamond by Type 2017-2022

Table Global Consumption Volume (K MT) of CVD Diamond by Application 2017-2022

Table Traders or Distributors with Contact Information of CVD Diamond by Region

## I would like to order

Product name: Global CVD Diamond Market Professional Survey Report 2017

Product link: <https://marketpublishers.com/r/G98B60A1D2BEN.html>

Price: US\$ 3,500.00 (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/G98B60A1D2BEN.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