

2020-2025 Global PCD and PCBN Material Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

Polycrystalline diamond (PCD) is a diamond grit that is fused together under high pressure and high temperature conditions in the presence of a catalytic metal.

Polycrystalline cubic boron nitride (PCBN) composites are made of micron-sized CBN (cubic boron nitride) powder sintered together with various ceramic materials, making it an extremely hard and thermally stable tool material. Most PCBN materials are welded together with the carbide substrate. Cubic boron nitride is second only to synthetic diamond and is the second hardest material in the world, but it has extremely high thermal stability and chemical inertness.

This report elaborates the market size, market characteristics, and market growth of the PCD and PCBN Material industry, and breaks down according to the type, application, and consumption area of PCD and PCBN Material. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for PCD and PCBN Material in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global PCD and PCBN Material market covered in Chapter 13:

Industrial Abrasives Limited

Precorp
CeramTec
Novatek
Shape-Master Tool
GE
Phoenix
Dennis
Tempo
Western Diamond Products
Synthetics

In Chapter 6, on the basis of types, the PCD and PCBN Material market from 2015 to 2025 is primarily split into:

PDSs
PDCs
PCBN

In Chapter 7, on the basis of applications, the PCD and PCBN Material market from 2015 to 2025 covers:

Cutting Tools
Automotive
Aerospace
3C Industry
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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