

# Global Pyrolytic Boron Nitride (PBN) Products Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G35B1ECF2EE1EN.html>

Date: January 2024

Pages: 112

Price: US\$ 3,480.00 (Single User License)

ID: G35B1ECF2EE1EN

## Abstracts

According to our (Global Info Research) latest study, the global Pyrolytic Boron Nitride (PBN) Products market size was valued at USD 68 million in 2023 and is forecast to a readjusted size of USD 94 million by 2030 with a CAGR of 4.6% during review period.

Pyrolytic boron nitride (PBN) belongs to the hexagonal crystal system and is an advanced ceramic material with a purity of 99.999%. It is resistant to acid and alkali, oxidation, good thermal conductivity, compact and machinable. It is formed by chemical vapor deposition (CVD) of ammonia and boron halides under high temperature and high vacuum conditions. It can not only prepare PBN plates, but also directly prepare PBN final products such as crucibles, boats, and coatings.

Global key players of pyrolytic boron nitride (PBN) products include Beijing Boyu Semiconductor, Shin-Etsu Chemical, Momentive Technologies, Guojing New Material and Zhejiang Nuohua Ceramic, the top five players hold a share about 80%. Beijing Boyu Semiconductor is the largest producer, with a share of 29%. Asia-Pacific is the largest market of pyrolytic boron nitride (PBN) products, with a share about 66%, followed by North America and Europe, with shares about 6% and 26% separately. In terms of product type, PBN crucibles is the largest segment, with a share about 65%. And in terms of application, semiconductor industry is the largest application, with a share about 75 percent.

The Global Info Research report includes an overview of the development of the Pyrolytic Boron Nitride (PBN) Products industry chain, the market status of Semiconductor (PBN Sheet/Plates, PBN Crucibles), OLED (PBN Sheet/Plates, PBN Crucibles), and key enterprises in developed and developing market, and analysed the

cutting-edge technology, patent, hot applications and market trends of Pyrolytic Boron Nitride (PBN) Products.

Regionally, the report analyzes the Pyrolytic Boron Nitride (PBN) Products markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Pyrolytic Boron Nitride (PBN) Products market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Pyrolytic Boron Nitride (PBN) Products market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Pyrolytic Boron Nitride (PBN) Products industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., PBN Sheet/Plates, PBN Crucibles).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Pyrolytic Boron Nitride (PBN) Products market.

**Regional Analysis:** The report involves examining the Pyrolytic Boron Nitride (PBN) Products market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Pyrolytic Boron Nitride (PBN) Products market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Pyrolytic Boron Nitride (PBN)

## Products:

**Company Analysis:** Report covers individual Pyrolytic Boron Nitride (PBN) Products manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Pyrolytic Boron Nitride (PBN) Products This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Semiconductor, OLED).

**Technology Analysis:** Report covers specific technologies relevant to Pyrolytic Boron Nitride (PBN) Products. It assesses the current state, advancements, and potential future developments in Pyrolytic Boron Nitride (PBN) Products areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Pyrolytic Boron Nitride (PBN) Products market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Pyrolytic Boron Nitride (PBN) Products market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

PBN Sheet/Plates

PBN Crucibles

PBN Heaters

PBN Boat

PBN Coating

Others

#### Market segment by Application

Semiconductor

OLED

Others

#### Major players covered

Beijing Boyu Semiconductor

Shin-Etsu Chemical

Momentive Technologies

Guojing New Material

Zhejiang Nuohua Ceramic

CVT GmbH & Co. KG

Yantai HeFuxiang Ceramics

Morgan Advanced Materials

Stanford Advanced Materials

Thermic Edge

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 Pyrolytic Boron Nitride (PBN) Products product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pyrolytic Boron Nitride (PBN) Products, with price, sales, revenue and global market share of Pyrolytic Boron Nitride (PBN) Products from 2019 to 2024.

Chapter 3, the Pyrolytic Boron Nitride (PBN) Products competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Pyrolytic Boron Nitride (PBN) Products breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Pyrolytic Boron Nitride (PBN) Products market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Pyrolytic Boron Nitride (PBN) Products.

Chapter 14 and 15, to describe Pyrolytic Boron Nitride (PBN) Products sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Pyrolytic Boron Nitride (PBN) Products

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 PBN Sheet/Plates

1.3.3 PBN Crucibles

1.3.4 PBN Heaters

1.3.5 PBN Boat

1.3.6 PBN Coating

1.3.7 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Semiconductor

1.4.3 OLED

1.4.4 Others

1.5 Global Pyrolytic Boron Nitride (PBN) Products Market Size & Forecast

1.5.1 Global Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity (2019-2030)

1.5.3 Global Pyrolytic Boron Nitride (PBN) Products Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Beijing Boyu Semiconductor

2.1.1 Beijing Boyu Semiconductor Details

2.1.2 Beijing Boyu Semiconductor Major Business

2.1.3 Beijing Boyu Semiconductor Pyrolytic Boron Nitride (PBN) Products Product and Services

2.1.4 Beijing Boyu Semiconductor Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Beijing Boyu Semiconductor Recent Developments/Updates

2.2 Shin-Etsu Chemical

2.2.1 Shin-Etsu Chemical Details

- 2.2.2 Shin-Etsu Chemical Major Business
- 2.2.3 Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Products Product and Services
- 2.2.4 Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Shin-Etsu Chemical Recent Developments/Updates
- 2.3 Momentive Technologies
  - 2.3.1 Momentive Technologies Details
  - 2.3.2 Momentive Technologies Major Business
  - 2.3.3 Momentive Technologies Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.3.4 Momentive Technologies Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Momentive Technologies Recent Developments/Updates
- 2.4 Guojing New Material
  - 2.4.1 Guojing New Material Details
  - 2.4.2 Guojing New Material Major Business
  - 2.4.3 Guojing New Material Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.4.4 Guojing New Material Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Guojing New Material Recent Developments/Updates
- 2.5 Zhejiang Nuohua Ceramic
  - 2.5.1 Zhejiang Nuohua Ceramic Details
  - 2.5.2 Zhejiang Nuohua Ceramic Major Business
  - 2.5.3 Zhejiang Nuohua Ceramic Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.5.4 Zhejiang Nuohua Ceramic Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Zhejiang Nuohua Ceramic Recent Developments/Updates
- 2.6 CVT GmbH & Co. KG
  - 2.6.1 CVT GmbH & Co. KG Details
  - 2.6.2 CVT GmbH & Co. KG Major Business
  - 2.6.3 CVT GmbH & Co. KG Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.6.4 CVT GmbH & Co. KG Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 CVT GmbH & Co. KG Recent Developments/Updates
- 2.7 Yantai HeFuxiang Ceramics



- 2.7.1 Yantai HeFuxiang Ceramics Details
- 2.7.2 Yantai HeFuxiang Ceramics Major Business
- 2.7.3 Yantai HeFuxiang Ceramics Pyrolytic Boron Nitride (PBN) Products Product and Services
- 2.7.4 Yantai HeFuxiang Ceramics Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.7.5 Yantai HeFuxiang Ceramics Recent Developments/Updates
- 2.8 Morgan Advanced Materials
  - 2.8.1 Morgan Advanced Materials Details
  - 2.8.2 Morgan Advanced Materials Major Business
  - 2.8.3 Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.8.4 Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.8.5 Morgan Advanced Materials Recent Developments/Updates
- 2.9 Stanford Advanced Materials
  - 2.9.1 Stanford Advanced Materials Details
  - 2.9.2 Stanford Advanced Materials Major Business
  - 2.9.3 Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.9.4 Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Stanford Advanced Materials Recent Developments/Updates
- 2.10 Thermic Edge
  - 2.10.1 Thermic Edge Details
  - 2.10.2 Thermic Edge Major Business
  - 2.10.3 Thermic Edge Pyrolytic Boron Nitride (PBN) Products Product and Services
  - 2.10.4 Thermic Edge Pyrolytic Boron Nitride (PBN) Products Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Thermic Edge Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: PYROLYTIC BORON NITRIDE (PBN) PRODUCTS BY MANUFACTURER**

- 3.1 Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Pyrolytic Boron Nitride (PBN) Products Revenue by Manufacturer (2019-2024)
- 3.3 Global Pyrolytic Boron Nitride (PBN) Products Average Price by Manufacturer

(2019-2024)

### 3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Pyrolytic Boron Nitride (PBN) Products by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Pyrolytic Boron Nitride (PBN) Products Manufacturer Market Share in 2023

3.4.2 Top 6 Pyrolytic Boron Nitride (PBN) Products Manufacturer Market Share in 2023

### 3.5 Pyrolytic Boron Nitride (PBN) Products Market: Overall Company Footprint Analysis

3.5.1 Pyrolytic Boron Nitride (PBN) Products Market: Region Footprint

3.5.2 Pyrolytic Boron Nitride (PBN) Products Market: Company Product Type Footprint

3.5.3 Pyrolytic Boron Nitride (PBN) Products Market: Company Product Application Footprint

### 3.6 New Market Entrants and Barriers to Market Entry

### 3.7 Mergers, Acquisition, Agreements, and Collaborations

## 4 CONSUMPTION ANALYSIS BY REGION

### 4.1 Global Pyrolytic Boron Nitride (PBN) Products Market Size by Region

4.1.1 Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2019-2030)

4.1.2 Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2019-2030)

4.1.3 Global Pyrolytic Boron Nitride (PBN) Products Average Price by Region (2019-2030)

4.2 North America Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030)

4.3 Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030)

4.4 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030)

4.5 South America Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030)

4.6 Middle East and Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030)

## 5 MARKET SEGMENT BY TYPE

5.1 Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2030)

5.2 Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type

(2019-2030)

5.3 Global Pyrolytic Boron Nitride (PBN) Products Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

6.2 Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application (2019-2030)

6.3 Global Pyrolytic Boron Nitride (PBN) Products Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

7.1 North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2030)

7.2 North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

7.3 North America Pyrolytic Boron Nitride (PBN) Products Market Size by Country

7.3.1 North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2030)

7.3.2 North America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2030)

8.2 Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

8.3 Europe Pyrolytic Boron Nitride (PBN) Products Market Size by Country

8.3.1 Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2030)

8.3.2 Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Market Size by Region

9.3.1 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2030)

10.2 South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

10.3 South America Pyrolytic Boron Nitride (PBN) Products Market Size by Country

10.3.1 South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2030)

10.3.2 South America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by

Type (2019-2030)

11.2 Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Market Size by Country

11.3.1 Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Pyrolytic Boron Nitride (PBN) Products Market Drivers

12.2 Pyrolytic Boron Nitride (PBN) Products Market Restraints

12.3 Pyrolytic Boron Nitride (PBN) Products Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Pyrolytic Boron Nitride (PBN) Products and Key Manufacturers

13.2 Manufacturing Costs Percentage of Pyrolytic Boron Nitride (PBN) Products

13.3 Pyrolytic Boron Nitride (PBN) Products Production Process

13.4 Pyrolytic Boron Nitride (PBN) Products Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Pyrolytic Boron Nitride (PBN) Products Typical Distributors

14.3 Pyrolytic Boron Nitride (PBN) Products Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Beijing Boyu Semiconductor Basic Information, Manufacturing Base and Competitors

Table 4. Beijing Boyu Semiconductor Major Business

Table 5. Beijing Boyu Semiconductor Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 6. Beijing Boyu Semiconductor Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Beijing Boyu Semiconductor Recent Developments/Updates

Table 8. Shin-Etsu Chemical Basic Information, Manufacturing Base and Competitors

Table 9. Shin-Etsu Chemical Major Business

Table 10. Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 11. Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Shin-Etsu Chemical Recent Developments/Updates

Table 13. Momentive Technologies Basic Information, Manufacturing Base and Competitors

Table 14. Momentive Technologies Major Business

Table 15. Momentive Technologies Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 16. Momentive Technologies Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Momentive Technologies Recent Developments/Updates

Table 18. Guojing New Material Basic Information, Manufacturing Base and Competitors

Table 19. Guojing New Material Major Business

Table 20. Guojing New Material Pyrolytic Boron Nitride (PBN) Products Product and Services



Table 21. Guojing New Material Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Guojing New Material Recent Developments/Updates

Table 23. Zhejiang Nuohua Ceramic Basic Information, Manufacturing Base and Competitors

Table 24. Zhejiang Nuohua Ceramic Major Business

Table 25. Zhejiang Nuohua Ceramic Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 26. Zhejiang Nuohua Ceramic Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Zhejiang Nuohua Ceramic Recent Developments/Updates

Table 28. CVT GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 29. CVT GmbH & Co. KG Major Business

Table 30. CVT GmbH & Co. KG Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 31. CVT GmbH & Co. KG Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. CVT GmbH & Co. KG Recent Developments/Updates

Table 33. Yantai HeFuxiang Ceramics Basic Information, Manufacturing Base and Competitors

Table 34. Yantai HeFuxiang Ceramics Major Business

Table 35. Yantai HeFuxiang Ceramics Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 36. Yantai HeFuxiang Ceramics Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Yantai HeFuxiang Ceramics Recent Developments/Updates

Table 38. Morgan Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 39. Morgan Advanced Materials Major Business

Table 40. Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Products Product and Services

Table 41. Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)



- Table 42. Morgan Advanced Materials Recent Developments/Updates
- Table 43. Stanford Advanced Materials Basic Information, Manufacturing Base and Competitors
- Table 44. Stanford Advanced Materials Major Business
- Table 45. Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Products Product and Services
- Table 46. Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Stanford Advanced Materials Recent Developments/Updates
- Table 48. Thermic Edge Basic Information, Manufacturing Base and Competitors
- Table 49. Thermic Edge Major Business
- Table 50. Thermic Edge Pyrolytic Boron Nitride (PBN) Products Product and Services
- Table 51. Thermic Edge Pyrolytic Boron Nitride (PBN) Products Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Thermic Edge Recent Developments/Updates
- Table 53. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Manufacturer (2019-2024) & (K Units)
- Table 54. Global Pyrolytic Boron Nitride (PBN) Products Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 55. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Manufacturer (2019-2024) & (US\$/Unit)
- Table 56. Market Position of Manufacturers in Pyrolytic Boron Nitride (PBN) Products, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 57. Head Office and Pyrolytic Boron Nitride (PBN) Products Production Site of Key Manufacturer
- Table 58. Pyrolytic Boron Nitride (PBN) Products Market: Company Product Type Footprint
- Table 59. Pyrolytic Boron Nitride (PBN) Products Market: Company Product Application Footprint
- Table 60. Pyrolytic Boron Nitride (PBN) Products New Market Entrants and Barriers to Market Entry
- Table 61. Pyrolytic Boron Nitride (PBN) Products Mergers, Acquisition, Agreements, and Collaborations
- Table 62. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2019-2024) & (K Units)
- Table 63. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2025-2030) & (K Units)

Table 64. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2019-2024) & (USD Million)

Table 65. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2025-2030) & (USD Million)

Table 66. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Region (2019-2024) & (US\$/Unit)

Table 67. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Region (2025-2030) & (US\$/Unit)

Table 68. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 69. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 70. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type (2019-2024) & (USD Million)

Table 71. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type (2025-2030) & (USD Million)

Table 72. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Type (2019-2024) & (US\$/Unit)

Table 73. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Type (2025-2030) & (US\$/Unit)

Table 74. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 75. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2025-2030) & (K Units)

Table 76. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application (2019-2024) & (USD Million)

Table 77. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application (2025-2030) & (USD Million)

Table 78. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Application (2019-2024) & (US\$/Unit)

Table 79. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Application (2025-2030) & (US\$/Unit)

Table 80. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 81. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 82. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 83. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by

Application (2025-2030) & (K Units)

Table 84. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2024) & (K Units)

Table 85. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2025-2030) & (K Units)

Table 86. North America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2024) & (USD Million)

Table 87. North America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2025-2030) & (USD Million)

Table 88. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 89. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 90. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 91. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2025-2030) & (K Units)

Table 92. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2024) & (K Units)

Table 93. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2025-2030) & (K Units)

Table 94. Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2024) & (USD Million)

Table 95. Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2025-2030) & (USD Million)

Table 96. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 97. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 98. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 99. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2025-2030) & (K Units)

Table 100. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2019-2024) & (K Units)

Table 101. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2025-2030) & (K Units)

Table 102. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2019-2024) & (USD Million)

Table 103. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2025-2030) & (USD Million)

Table 104. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 105. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 106. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 107. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2025-2030) & (K Units)

Table 108. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2019-2024) & (K Units)

Table 109. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Country (2025-2030) & (K Units)

Table 110. South America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2019-2024) & (USD Million)

Table 111. South America Pyrolytic Boron Nitride (PBN) Products Consumption Value by Country (2025-2030) & (USD Million)

Table 112. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2019-2024) & (K Units)

Table 113. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Type (2025-2030) & (K Units)

Table 114. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2019-2024) & (K Units)

Table 115. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Application (2025-2030) & (K Units)

Table 116. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2019-2024) & (K Units)

Table 117. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity by Region (2025-2030) & (K Units)

Table 118. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2019-2024) & (USD Million)

Table 119. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value by Region (2025-2030) & (USD Million)

Table 120. Pyrolytic Boron Nitride (PBN) Products Raw Material

Table 121. Key Manufacturers of Pyrolytic Boron Nitride (PBN) Products Raw Materials

Table 122. Pyrolytic Boron Nitride (PBN) Products Typical Distributors

Table 123. Pyrolytic Boron Nitride (PBN) Products Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Pyrolytic Boron Nitride (PBN) Products Picture

Figure 2. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Type in 2023

Figure 4. PBN Sheet/Plates Examples

Figure 5. PBN Crucibles Examples

Figure 6. PBN Heaters Examples

Figure 7. PBN Boat Examples

Figure 8. PBN Coating Examples

Figure 9. Others Examples

Figure 10. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 11. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Application in 2023

Figure 12. Semiconductor Examples

Figure 13. OLED Examples

Figure 14. Others Examples

Figure 15. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 16. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 17. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity (2019-2030) & (K Units)

Figure 18. Global Pyrolytic Boron Nitride (PBN) Products Average Price (2019-2030) & (US\$/Unit)

Figure 19. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Manufacturer in 2023

Figure 20. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Manufacturer in 2023

Figure 21. Producer Shipments of Pyrolytic Boron Nitride (PBN) Products by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 22. Top 3 Pyrolytic Boron Nitride (PBN) Products Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Top 6 Pyrolytic Boron Nitride (PBN) Products Manufacturer (Consumption



Value) Market Share in 2023

Figure 24. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Region (2019-2030)

Figure 25. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Region (2019-2030)

Figure 26. North America Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030) & (USD Million)

Figure 27. Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030) & (USD Million)

Figure 28. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030) & (USD Million)

Figure 29. South America Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030) & (USD Million)

Figure 30. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value (2019-2030) & (USD Million)

Figure 31. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 32. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Type (2019-2030)

Figure 33. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Type (2019-2030) & (US\$/Unit)

Figure 34. Global Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 35. Global Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Application (2019-2030)

Figure 36. Global Pyrolytic Boron Nitride (PBN) Products Average Price by Application (2019-2030) & (US\$/Unit)

Figure 37. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 38. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 39. North America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Country (2019-2030)

Figure 40. North America Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Country (2019-2030)

Figure 41. United States Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Canada Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Mexico Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 45. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 46. Europe Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Country (2019-2030)

Figure 47. Europe Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Country (2019-2030)

Figure 48. Germany Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. France Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. United Kingdom Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Russia Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Italy Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 54. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 55. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Region (2019-2030)

Figure 56. Asia-Pacific Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Region (2019-2030)

Figure 57. China Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Japan Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Korea Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. India Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Southeast Asia Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Australia Pyrolytic Boron Nitride (PBN) Products Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 63. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 64. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 65. South America Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Country (2019-2030)

Figure 66. South America Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Country (2019-2030)

Figure 67. Brazil Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Argentina Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Type (2019-2030)

Figure 70. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Application (2019-2030)

Figure 71. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Sales Quantity Market Share by Region (2019-2030)

Figure 72. Middle East & Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value Market Share by Region (2019-2030)

Figure 73. Turkey Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Egypt Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Saudi Arabia Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. South Africa Pyrolytic Boron Nitride (PBN) Products Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. Pyrolytic Boron Nitride (PBN) Products Market Drivers

Figure 78. Pyrolytic Boron Nitride (PBN) Products Market Restraints

Figure 79. Pyrolytic Boron Nitride (PBN) Products Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Pyrolytic Boron Nitride (PBN) Products in 2023

Figure 82. Manufacturing Process Analysis of Pyrolytic Boron Nitride (PBN) Products

Figure 83. Pyrolytic Boron Nitride (PBN) Products Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons



Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

## I would like to order

Product name: Global Pyrolytic Boron Nitride (PBN) Products Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G35B1ECF2EE1EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](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/G35B1ECF2EE1EN.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

