

Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market, Global Outlook and Forecast 2022-2028

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Abstracts

PBN crucibles are synthesized on the mold by chemical vapor deposition (CVD) process, with BCl_3 and NH_3 at high temperature and low pressure. The PBN products are extremely pure, as the purity of vapor is easier to be controlled. Most PBN products made from the CVD process have a total impurity of less than 100 ppm, which means the purity is better than 99.99%.

This report contains market size and forecasts of Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor in global, including the following market information:

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor companies in 2021 (%)

The global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

PBN LEC Crucibles (50ml~5L) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor include Shin-Etsu Chemical, Morgan Advanced Materials, Thermic Edge, SciTECH Solutions, Veeco Instruments, Luxel Corporation, Mbe-komponenten, Stanford Advanced Materials and Momentive Technologies, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Segment Percentages, by Type, 2021 (%)

PBN LEC Crucibles (50ml~5L)

PBN MBE Crucibles (5ml~300ml)

PBN VGF crucibles (0.2L~5L)

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Segment Percentages, by Application, 2021 (%)

GaAs Single Crystal

InP Single Crystal

GaP Single Crystal

Other ?-V Group Single Crystal

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor revenues in

global market, 2017-2022 (Estimated), (\$ millions)

Key companies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor revenues share in global market, 2021 (%)

Key companies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Shin-Etsu Chemical

Morgan Advanced Materials

Thermic Edge

SciTECH Solutions

Veeco Instruments

Luxel Corporation

Mbe-komponenten

Stanford Advanced Materials

Momentive Technologies

Scientaomicron

Vitalchem

Shan Dong Guojing New Material

Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT)

ALB Materials

Edgetech Industries

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL PYROLYTIC BORON NITRIDE (PBN) CRUCIBLES FOR SEMICONDUCTOR OVERALL MARKET SIZE

- 2.1 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size: 2021 VS 2028
- 2.2 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Players in Global Market
- 3.2 Top Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies Ranked by Revenue
- 3.3 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue by Companies
- 3.4 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales by Companies
- 3.5 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies in Global Market, by Revenue in 2021

3.7 Global Manufacturers Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Type

3.8 Tier 1, Tier 2 and Tier 3 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Players in Global Market

3.8.1 List of Global Tier 1 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies

3.8.2 List of Global Tier 2 and Tier 3 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size Markets, 2021 & 2028

4.1.2 PBN LEC Crucibles (50ml~5L)

4.1.3 PBN MBE Crucibles (5ml~300ml)

4.1.4 PBN VGF crucibles (0.2L~5L)

4.2 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue & Forecasts

4.2.1 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2022

4.2.2 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2023-2028

4.2.3 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

4.3 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales & Forecasts

4.3.1 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2022

4.3.2 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2023-2028

4.3.3 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

4.4 By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2021 & 2028

5.1.2 GaAs Single Crystal

5.1.3 InP Single Crystal

5.1.4 GaP Single Crystal

5.1.5 Other ?-V Group Single Crystal

5.2 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue & Forecasts

5.2.1 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2022

5.2.2 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2023-2028

5.2.3 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

5.3 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales & Forecasts

5.3.1 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2022

5.3.2 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2023-2028

5.3.3 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

5.4 By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2021 & 2028

6.2 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue & Forecasts

6.2.1 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2022

6.2.2 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2023-2028

6.2.3 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

6.3 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales & Forecasts

6.3.1 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2022

6.3.2 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2023-2028

6.3.3 By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028

6.4.2 By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2028

6.4.3 US Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.4.4 Canada Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.4.5 Mexico Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028

6.5.2 By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2028

6.5.3 Germany Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.4 France Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.5 U.K. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.6 Italy Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.7 Russia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.8 Nordic Countries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.5.9 Benelux Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028

6.6.2 By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2028

6.6.3 China Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.6.4 Japan Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.6.5 South Korea Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.6.6 Southeast Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.6.7 India Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028

6.7.2 By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2028

6.7.3 Brazil Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.7.4 Argentina Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, 2017-2028

6.8.3 Turkey Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.8.4 Israel Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.8.5 Saudi Arabia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

6.8.6 UAE Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Shin-Etsu Chemical

7.1.1 Shin-Etsu Chemical Corporate Summary

- 7.1.2 Shin-Etsu Chemical Business Overview
- 7.1.3 Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
- 7.1.4 Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
- 7.1.5 Shin-Etsu Chemical Key News
- 7.2 Morgan Advanced Materials
 - 7.2.1 Morgan Advanced Materials Corporate Summary
 - 7.2.2 Morgan Advanced Materials Business Overview
 - 7.2.3 Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.2.4 Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.2.5 Morgan Advanced Materials Key News
- 7.3 Thermic Edge
 - 7.3.1 Thermic Edge Corporate Summary
 - 7.3.2 Thermic Edge Business Overview
 - 7.3.3 Thermic Edge Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.3.4 Thermic Edge Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.3.5 Thermic Edge Key News
- 7.4 SciTECH Solutions
 - 7.4.1 SciTECH Solutions Corporate Summary
 - 7.4.2 SciTECH Solutions Business Overview
 - 7.4.3 SciTECH Solutions Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.4.4 SciTECH Solutions Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.4.5 SciTECH Solutions Key News
- 7.5 Veeco Instruments
 - 7.5.1 Veeco Instruments Corporate Summary
 - 7.5.2 Veeco Instruments Business Overview
 - 7.5.3 Veeco Instruments Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.5.4 Veeco Instruments Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.5.5 Veeco Instruments Key News
- 7.6 Luxel Corporation

- 7.6.1 Luxel Corporation Corporate Summary
- 7.6.2 Luxel Corporation Business Overview
- 7.6.3 Luxel Corporation Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
- 7.6.4 Luxel Corporation Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
- 7.6.5 Luxel Corporation Key News
- 7.7 Mbe-komponenten
 - 7.7.1 Mbe-komponenten Corporate Summary
 - 7.7.2 Mbe-komponenten Business Overview
 - 7.7.3 Mbe-komponenten Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.7.4 Mbe-komponenten Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.7.5 Mbe-komponenten Key News
- 7.8 Stanford Advanced Materials
 - 7.8.1 Stanford Advanced Materials Corporate Summary
 - 7.8.2 Stanford Advanced Materials Business Overview
 - 7.8.3 Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.8.4 Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.8.5 Stanford Advanced Materials Key News
- 7.9 Momentive Technologies
 - 7.9.1 Momentive Technologies Corporate Summary
 - 7.9.2 Momentive Technologies Business Overview
 - 7.9.3 Momentive Technologies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.9.4 Momentive Technologies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.9.5 Momentive Technologies Key News
- 7.10 Scientaomicron
 - 7.10.1 Scientaomicron Corporate Summary
 - 7.10.2 Scientaomicron Business Overview
 - 7.10.3 Scientaomicron Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings
 - 7.10.4 Scientaomicron Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)
 - 7.10.5 Scientaomicron Key News

7.11 Vitalchem

7.11.1 Vitalchem Corporate Summary

7.11.2 Vitalchem Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Business Overview

7.11.3 Vitalchem Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings

7.11.4 Vitalchem Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)

7.11.5 Vitalchem Key News

7.12 Shan Dong Guojing New Material

7.12.1 Shan Dong Guojing New Material Corporate Summary

7.12.2 Shan Dong Guojing New Material Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Business Overview

7.12.3 Shan Dong Guojing New Material Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings

7.12.4 Shan Dong Guojing New Material Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)

7.12.5 Shan Dong Guojing New Material Key News

7.13 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT)

7.13.1 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT) Corporate Summary

7.13.2 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT) Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Business Overview

7.13.3 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT) Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings

7.13.4 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT) Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)

7.13.5 Beijing Boyu Semiconductor Vessel Craftwork Technology(AXT) Key News

7.14 ALB Materials

7.14.1 ALB Materials Corporate Summary

7.14.2 ALB Materials Business Overview

7.14.3 ALB Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings

7.14.4 ALB Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)

7.14.5 ALB Materials Key News

7.15 Edgetech Industries

7.15.1 Edgetech Industries Corporate Summary

7.15.2 Edgetech Industries Business Overview

7.15.3 Edgetech Industries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Major Product Offerings

7.15.4 Edgetech Industries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales and Revenue in Global (2017-2022)

7.15.5 Edgetech Industries Key News

8 GLOBAL PYROLYTIC BORON NITRIDE (PBN) CRUCIBLES FOR SEMICONDUCTOR PRODUCTION CAPACITY, ANALYSIS

8.1 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production Capacity, 2017-2028

8.2 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production Capacity of Key Manufacturers in Global Market

8.3 Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 PYROLYTIC BORON NITRIDE (PBN) CRUCIBLES FOR SEMICONDUCTOR SUPPLY CHAIN ANALYSIS

10.1 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Industry Value Chain

10.2 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Upstream Market

10.3 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor in Global Market

Table 2. Top Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Share by Companies, 2017-2022

Table 5. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales by Companies, (K Units), 2017-2022

Table 6. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Type

Table 9. List of Global Tier 1 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2017-2022

Table 15. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2023-2028

Table 16. By Application – Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for

Semiconductor Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2017-2022

Table 20. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2023-2028

Table 21. By Region – Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2017-2022

Table 25. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), 2023-2028

Table 26. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2017-2022

Table 29. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2023-2028

Table 30. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2017-2022

Table 33. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2023-2028

Table 34. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2017-2022

Table 37. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2023-2028

Table 38. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2017-2022

Table 41. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales, (K Units), 2023-2028

Table 46. Shin-Etsu Chemical Corporate Summary

Table 47. Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 48. Shin-Etsu Chemical Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Morgan Advanced Materials Corporate Summary

Table 50. Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 51. Morgan Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Thermic Edge Corporate Summary

Table 53. Thermic Edge Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 54. Thermic Edge Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. SciTECH Solutions Corporate Summary

Table 56. SciTECH Solutions Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 57. SciTECH Solutions Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Veeco Instruments Corporate Summary

Table 59. Veeco Instruments Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 60. Veeco Instruments Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Luxel Corporation Corporate Summary

Table 62. Luxel Corporation Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 63. Luxel Corporation Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Mbe-komponenten Corporate Summary

Table 65. Mbe-komponenten Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 66. Mbe-komponenten Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Stanford Advanced Materials Corporate Summary

Table 68. Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 69. Stanford Advanced Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. Momentive Technologies Corporate Summary

Table 71. Momentive Technologies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 72. Momentive Technologies Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Scientaomicron Corporate Summary

Table 74. Scientaomicron Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 75. Scientaomicron Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Vitalchem Corporate Summary

Table 77. Vitalchem Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 78. Vitalchem Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. Shan Dong Guojing New Material Corporate Summary

Table 80. Shan Dong Guojing New Material Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 81. Shan Dong Guojing New Material Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Beijing Boyu Semiconductor Vessel Craftwork Technology (AXT) Corporate Summary

Table 83. Beijing Boyu Semiconductor Vessel Craftwork Technology (AXT) Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 84. Beijing Boyu Semiconductor Vessel Craftwork Technology (AXT) Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. ALB Materials Corporate Summary

Table 86. ALB Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 87. ALB Materials Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. Edgetech Industries Corporate Summary

Table 89. Edgetech Industries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Product Offerings

Table 90. Edgetech Industries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 91. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 92. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Capacity Market Share of Key Manufacturers, 2020-2022

Table 93. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production by Region, 2017-2022 (K Units)

Table 94. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production by Region, 2023-2028 (K Units)

Table 95. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Opportunities & Trends in Global Market

Table 96. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Drivers in Global Market

Table 97. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Restraints in Global Market

Table 98. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Raw Materials

Table 99. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Raw Materials Suppliers in Global Market

Table 100. Typical Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor

Downstream

Table 101. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Downstream Clients in Global Market

Table 102. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Segment by Type

Figure 2. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Segment by Application

Figure 3. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, 2017-2028 (US\$, Mn)

Figure 7. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales in Global Market: 2017-2028 (K Units)

Figure 8. The Top 3 and 5 Players Market Share by Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue in 2021

Figure 9. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 10. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 11. By Type - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price (US\$/Unit), 2017-2028

Figure 12. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 13. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 14. By Application - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Price (US\$/Unit), 2017-2028

Figure 15. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 16. By Region - Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 17. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 18. By Country - North America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 19. US Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue,

(US\$, Mn), 2017-2028

Figure 20. Canada Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 24. Germany Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 25. France Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 33. China Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 37. India Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 39. By Country - South America Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 40. Brazil Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Sales Market Share, 2017-2028

Figure 44. Turkey Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor by Region, 2021 VS 2028

Figure 50. Pyrolytic Boron Nitride (PBN) Crucibles for Semiconductor Industry Value Chain

Figure 51. Marketing Channels

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