

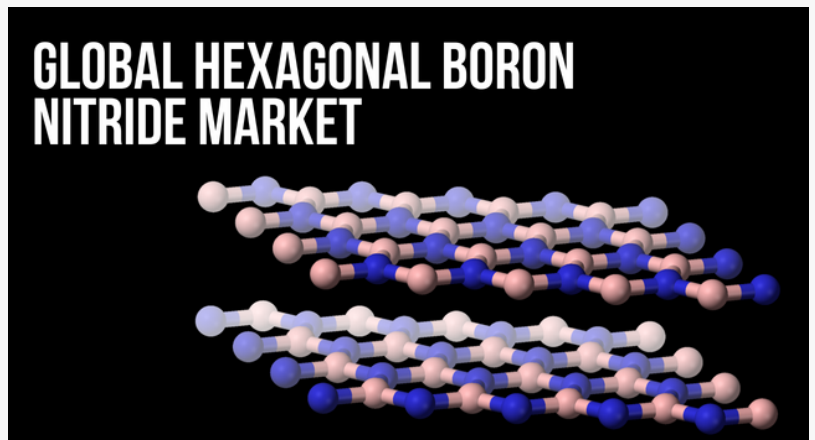
# Global Hexagonal Boron Nitride Market: Analyzing Growth Trends, Insights and Forecasts to 2030 | CoherentMI

BURLINGAME, CA 94010, UNITED STATES, February 29, 2024

/EINPresswire.com/ -- The [Global Hexagonal Boron Nitride Market](#) size is expected to reach US\$ 3.10 Billion by 2030, from US\$ 1.35 Billion in 2023, at a CAGR of 12.6% during the forecast period.

The CoherentMI released the latest competent intelligence market research report on the Global

Hexagonal Boron Nitride Market, The report aims to provide a thorough and accurate analysis of the Global Hexagonal Boron Nitride market, taking into account market forecast, competitive intelligence, technical risks, innovations, and other pertinent data. Its meticulously prepared market intelligence enables market players to comprehend the most important trends in the



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*CoherentMI*

market that affect their business. Readers will learn about significant opportunities in the Global Hexagonal Boron Nitride market, as well as major factors driving and inhibiting growth.

The research report is an accurate summary of the macro and micro-economic elements that influence the Global Hexagonal Boron Nitride market's growth. This will aid market players in making necessary adjustments to their strategies for achieving growth and maintaining their position in the sector. The Global Hexagonal Boron Nitride

market is divided into categories, each segment is thoroughly examined so that players may concentrate on high-growth segments of the Global Hexagonal Boron Nitride market and boost their sales. The competitive landscape is also revealed, allowing players to develop effective strategies and compete effectively in the worldwide Global Hexagonal Boron Nitride market.

## Market Dynamics:

The global hexagonal boron nitride market is expected to witness high growth over the forecast period owing to the increased usage of hexagonal boron nitride in electronics industry. With growing demand for smaller and faster electronic devices, hexagonal boron nitride is being increasingly used in semiconductor industry as dielectric insulation layer for its high thermal conductivity properties. Furthermore, hexagonal boron nitride is highly preferred in lithium-ion batteries as solid-state electrolyte, due to its insulation, high chemical stability, and ion conduction properties which is further expected to drive its demand.

## Major Market Drivers:

### Growing Use in Semiconductors and IC Manufacturing Processes

The global hexagonal boron nitride market is primarily driven by the increasing utilization of hBN in semiconductor and IC manufacturing processes. Hexagonal boron nitride is becoming a preferred material for use as dielectric layers in advanced integrated circuits owing to its outstanding electrical insulation and thermal conduction properties. It is increasingly replacing conventional dielectric materials like silicon oxide in applications such as high-k gate dielectric layers. The growing miniaturization of semiconductor devices is necessitating the use of hBN to reduce parasitic capacitance. Moreover, the escalating demand for smartphones, laptops, and other consumer electronic devices worldwide is fueling the demand for advanced ICs, which is boosting the consumption of hBN.

### Rising Applications in Lubrication and Cosmetic Industries

Another major factor propelling the global hBN market is the rising use of hexagonal boron nitride in the lubrication and cosmetic industries. In the lubrication sector, hBN micro-particles are gaining widespread acceptance as solid lubricants and lubricant additives. They can be used at both high and low temperatures and provide benefits such as low friction, high-temperature stability, non-stick properties, and resistance to chemicals and oxidation. Meanwhile, in the cosmetics industry, hBN is increasingly being utilized as an exfoliator in face masks, scrubs, and peels owing to its non-toxic and non-irritant nature. Its smooth texture effectively sloughs off dead skin cells, refines pores, and improves skin appearance. These diverse usage profiles are fueling the sales of hBN across industries.

### Global Hexagonal Boron Nitride Market and Competitive Analysis

Know your current market situation! Not only an important element for new products but also for current products given the ever-changing market dynamics. The study allows marketers to stay in touch with current consumer trends and segments where they can face a rapid market share drop. Discover who you compete against in the marketplace, Market Share Analysis know the market position, % Market Share and Segmented Revenue of Global Hexagonal Boron Nitride

Market.

Leading Players:

The major players operating in the global hexagonal boron nitride market include Saint-Gobain, Momentive, 3M Company, Denka Company Limited, H.C. Starck, UK Abrasives, Henze Boron Nitride Products AG, Mizushima Ferroalloy, ZYP Coatings Inc., Showa Denko K.K., DCEI, YingKou Liaobin Fine Chemicals, QingZhouMaTeKeChang Materials, Baoding Pengda New Material Technology, Liaoning Pengda Technology, Qingzhou Fangyuan, New Method Packaging, QingZhou Longjitetao New Material, HCStarck Tungsten & Powders, and Zhangjiagang Free Trade Zone Hongwu International Trade Co., Ltd.

Segmentation and Targeting

Essential demographic, geographic, psychographic, and behavioral information about business segments in the Global Hexagonal Boron Nitride market is targeted to aid in determining the features a company should encompass to fit into the business requirements. For the Consumer-based market – the study is also classified with Market Maker information to better understand who the clients are, their buying behavior, and patterns.

Global Hexagonal Boron Nitride Market Segmentation:

By Type:

- Hexagonal Boron Nitride Powder
- Hexagonal Boron Nitride Granule
- Hexagonal Boron Nitride Plate
- Hexagonal Boron Nitride Flakes
- Hexagonal Boron Nitride Lumps
- Hexagonal Boron Nitride Blocks
- Others (Hexagonal Boron Nitride Sheets, Billets)

By Application:

- Coatings & Mold Release
- Electrical Insulation
- Industrial Lubricants
- Composites
- Personal Care
- Paints
- Others (Cosmetics, Heat Shields, Crucibles)

By End-use Industry:

- Aerospace
- Automotive
- Semiconductors & Electronics
- Industrial
- Healthcare
- Others (Defense, Energy)

By Region:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East & Africa

## Global Hexagonal Boron Nitride Product/Service Development

Knowing how the product/services fit the needs of clients and what changes would be required to make the product more attractive is the need of an hour. Useful approaches to focus groups by utilizing User Testing and User Experience Research. Demand-side analysis always helps to correlate consumer preferences with innovation.

## Marketing Communication and Sales Channel

Understanding marketing effectiveness continually help determine the potential of advertising and marketing communications and allows us to use best practices to utilize an untapped audience. To make marketers make effective strategies and identify why the target market is not paying attention, we ensure the Study is Segmented with appropriate marketing & sales channels to identify potential market size by Revenue and Volume\*

## Pricing and Forecast

Pricing/subscription always plays an important role in buying decisions; so we have analyzed pricing to determine how customers or businesses evaluate it not just about other product offerings by competitors but also with immediate substitute products. In addition to future sales Separate Chapters on Cost Analysis, Labor\*, production\*, and Capacity are Covered.

(Note: \* if Applicable)

How geography and sales fit together

This study is helpful to all operators who want to identify the exact size of their target audience

at a specific geographic location. Global Hexagonal Boron Nitride Market allows entrepreneurs to determine local markets for business expansion. This study answers the questions below:

1. Where do the requirements come from?
2. Where do non-potential customers reside?
3. What is the buying behavior of customers in a specific region?
4. What is the spending power of the customers in a particular region?

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Having our reviews and subscribing to our report will help you solve the subsequent issues:

□ Uncertainty about the future: Our research and insights help our customers predict the upcoming revenue pockets and growth areas. This will guide customers to invest their resources.

□ Understanding market sentiments: It is very important to have a fair understanding of market sentiment for your strategy. Our insights will help you see every single eye on market sentiment. We maintain this analysis by working with key opinion leaders on the value chain of each industry we track.

□ Understanding the most reliable investment center: Our research evaluates investment centers in the market, taking into account future demand, profits, and returns. Clients can focus on the most prestigious investment centers through market research.

□ Evaluating potential business partners: Our research and insights help our clients in identifying compatible business partners.

About Us:

At CoherentMI, we are a leading global market intelligence company dedicated to providing comprehensive insights, analysis, and strategic solutions to empower businesses and organizations worldwide. Moreover, CoherentMI is a subsidiary of Coherent Market Insights Pvt Ltd., which is a market intelligence and consulting organization that helps businesses in critical business decisions. With our cutting-edge technology and experienced team of industry experts, we deliver actionable intelligence that helps our clients make informed decisions and stay ahead in today's rapidly changing business landscape.

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