

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Hexagonal Boron Nitride Market 2018, Forecast to 2023

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## Abstracts

Hexagonal Boron Nitride (Hexagonal BN), h-BN, commonly known as white graphite, has a structure and properties similar to graphite. It has become one of the most popular dry lubricants due to its lubricating properties and inertness to molten metals and salts. And the hexagonal BN includes 3 grades: PG (Premium), SG (Standard) and CG (Custom).

### SCOPE OF THE REPORT:

This report focuses on the Hexagonal Boron Nitride in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Hexagonal BN (h-BN) is a white powder having a scaly crystalline structure similar to that of graphite, and is a chemically stable material, giving rise to moniker 'white graphite.'

Hexagonal boron nitride industry concentration is not low. The top ten companies were estimated to account for 64.16% production volume market share in 2015. The production of hexagonal BN increased from 2949 MT in 2011 to 3655 MT in 2015, with an average growth rate of more than 5.52%. In the world wide, USA was the major manufacturing region, who accounted for about 35.27% production market share in the hexagonal BN industry in 2015. Saint-Gobain, Momentive, 3M, H.C.Starck and UK Abrasives are the global leading manufacturers of hexagonal BN.

Different application segments of the hexagonal BN include hexagonal BN composite ceramics, industrial packaging, cubic boron nitride (CBN), paints & coatings and lubricants industry, cosmetics industry and others. Composite ceramics was the largest consumed filed of hexagonal boron nitride in 2015 with consumption volume share

29.98%. However, paints & coatings and lubricants industry is also expected to be one of the fastest growing segments of the application market. Meanwhile, the cosmetics industry is also showing the steady growth.

The global hexagonal boron nitride market was dominated by USA with largest share- 32.37%- in total volume consumption in 2015. China was another leading regional market for hexagonal boron nitride due to increase in end-use applications in the region in 2015. Europe and Japan accounted for significant share in total volume consumption of hexagonal boron nitride in 2015.

Currently, HBN is more expensive. HBN prices 1MT at least in 26000USD above, on the whole, HBN has great profit margins. As technology advances, the slow downward trend in recent years will maintain in future too, as competition intensifies, prices gap between different brands will go on narrowing. Similarly, there will be fluctuation in gross margin. However, the grade, the price of good standard HBN products remains high. We tend to believe that this industry has good prospects for development due to the rigid demand. Strong demand from various end-user industries is expected to boost the demand for h-BN in the years to come. However, high cost and complex manufacturing process is expected to be major concern for manufacturers.

The worldwide market for Hexagonal Boron Nitride is expected to grow at a CAGR of roughly 0.9% over the next five years, will reach 280 million US\$ in 2023, from 260 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Saint-Gobain

Momentive

3M company

H.C.Starck

UK Abrasives

Denka

Henze

Showa Denko Group

Boron Compounds

Xinfukang

Qingzhou Fangyuan

DCEI

Zibo Jonye Ceramic Technologies

YingKou Liaobin

QingZhouMaTeKeChang Materials

Baoding Pengda

DANGDONG RIJIN

Eno High-Tech Material

QingZhou Longjitetao

Liaoning Pengda Technology

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Premium Grade(PG)

Standard Grade(SG)

Custom Grade(CG)

Market Segment by Applications, can be divided into

Hexagonal Boron Nitride Composite Ceramics

Preparation of Cubic Boron Nitride (CBN)

Paints & Coatings and Lubricants Industry

Cosmetics Industry

Industrial Packing

Others

There are 15 Chapters to deeply display the global Hexagonal Boron Nitride market.

Chapter 1, to describe Hexagonal Boron Nitride Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Hexagonal Boron Nitride, with sales, revenue, and price of Hexagonal Boron Nitride, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Hexagonal Boron Nitride, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

*Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Hexagonal Boron Nitride Ma...*

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Hexagonal Boron Nitride market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Hexagonal Boron Nitride sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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