

# COVID-19 Global & USA High-purity Amorphous Boron Market Research by Company, Type & Application 2015-2026

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## Abstracts

### SUMMARY

Boron can be prepared in several crystalline and amorphous forms. Well known crystalline forms are  $\alpha$ -rhombohedral,  $\beta$ -rhombohedral, and  $\gamma$ -tetragonal. In special circumstances, boron can also be synthesized in the form of its  $\delta$ -tetragonal, and  $\epsilon$ -orthorhombic allotropes. Two amorphous forms, one a finely divided powder and the other a glassy solid, are also known. Although at least 14 more allotropes have been reported, these other forms are based on tenuous evidence or have not been experimentally confirmed, or are thought to represent mixed allotropes, or boron frameworks stabilized by impurities. Whereas the  $\alpha$ -rhombohedral phase is the most stable and the others are metastable, the transformation rate is negligible at room temperature, and thus all five phases can exist at ambient conditions. Amorphous powder boron and polycrystalline rhombohedral  $\beta$ -boron are the most common forms. The latter allotrope is a very hard [n 1] grey material, about ten percent lighter than aluminium and with a melting point (2080 °C) several hundred degrees higher than that of steel.

HeyReport estimates that the High-purity Amorphous Boron market size will grow from xxx Million USD in 2020 to xxxx Million USD by 2025, and with a CAGR of xx%. The base year considered for this report is 2019, and the market forecast is projected from 2021 to 2025.

In this report, HeyReport discusses the Global & USA industrial policies, economic environment, and the impact of covid-19 on the High-purity Amorphous Boron industry and its cost structure. Besides, this report covers the basic market dynamics, market

size and companies competition data. In addition, the report also conducts basic market research on major product type, market end-use and regional trade.

Market Segment as follows:

Product Type Segmentation Includes

92%-95%

95%-99%

>99%

Others

Application Segmentation Includes

Industrial field

Aerospace and the military field.

Others

Companies Includes

SB Boron

H.C. Starck GmbH

SkySpring Nanomaterials, Inc.

CRS Chemicals

Baoding Zhongpuruituo Technology

New Metals and Chemicals Ltd.

Yingkou Tanyun Chemical Research Institute Corporation

Noah Technologies Corporation

YingKou Liaobin Fine Chemicals

Dandong Chemical Engineering Institute (DCEI)

Liaoning Pengda Technology

Tangshan Weihao Magnesium Powder

The main contents of the report including:

Section 1:

Product definition, type and application, Global & USA market overview;

Section 2:

Global & USA Market competition by company;

Section 3:

Global & USA sales revenue, volume and price by type;

Section 4:

Global & USA sales revenue, volume and price by application;

Section 5:

USA export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

Industrial policies & economic environment

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Conclusion.

For any other requirements, please feel free to contact HeyReport for customized contents.

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