

# 2017-2025 World Boron Carbide (CAS 12069-32-8) Market Research Report (by Product Type, End- User/Application and Regions/Countries)

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## Abstracts

### SUMMARY

Boron Carbide is one of the hardest materials known, ranking third behind diamond and cubic boron nitride. Boron carbide powder is mainly produced by reacting carbon with B<sub>2</sub>O<sub>3</sub> in an electric arc furnace, through carbothermal reduction or by gas phase reactions. For commercial use B<sub>4</sub>C powders usually need to be milled and purified to remove metallic impurities. Some of Boron Carbide's unique properties include: high hardness, chemical inertness, and a high neutron absorbing cross section.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Boron Carbide (CAS 12069-32-8) , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Boron Carbide (CAS 12069-32-8) market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

## By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

## By Type

Micro Powder

Abrasive Powder

## By End-User / Application

Nuclear Applications

Ballistic Armour

Nozzles

Refractory Materials

Others

## By Company

3M

JSC "Zaporozhabrasive

"

Washington Mills

H.C. Starck

Dalian Jinma Boron Technology

Dunhua Zhengxing Abrasive

Mudanjiang Qianjin Boron Carbide

Zhengzhou Yingcheng Technology

Songshan Special Materials

Mudanjiang Chenxi Boron Carbide

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