

# Global and Regional Boron Carbide (CAS 12069-32-8) Market Research Report 2017

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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.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

By Type

Micro Powder

Abrasive Powder

#### By 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

Songshan Boron Technology

Dalian Zhengxing Abrasive

Mudanjiang Hongda Boron Carbide

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price by type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

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

Section 7:

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