

Global Boron Carbide Neutron Absorbing Plate Market Growth 2024-2030

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Abstracts

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The neutron absorber materials are required to absorb neutrons without forming long-lived radionuclides during the reactor operations. The most commonly used materials are boron– stainless steel, boron carbide, and Boron Carbide-Aluminum Composite. They are used in spent nuclear fuel transportation and storage etc field.

Boron carbide is used as a neutron absorber in virtually all current reactors and is also considered for almost all ongoing projects.

The global Boron Carbide Neutron Absorbing Plate market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Boron Carbide Neutron Absorbing Plate Industry Forecast” looks at past sales and reviews total world Boron Carbide Neutron Absorbing Plate sales in 2023, providing a comprehensive analysis by region and market sector of projected Boron Carbide Neutron Absorbing Plate sales for 2024 through 2030. With Boron Carbide Neutron Absorbing Plate sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Boron Carbide Neutron Absorbing Plate industry.

This Insight Report provides a comprehensive analysis of the global Boron Carbide Neutron Absorbing Plate landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with

a focus on Boron Carbide Neutron Absorbing Plate portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Boron Carbide Neutron Absorbing Plate market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Boron Carbide Neutron Absorbing Plate and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Boron Carbide Neutron Absorbing Plate.

United States market for Boron Carbide Neutron Absorbing Plate is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Boron Carbide Neutron Absorbing Plate is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Boron Carbide Neutron Absorbing Plate is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Boron Carbide Neutron Absorbing Plate players cover 3M, Holtec International, Nikkeikin Aluminium Core Technology Company, Antai-heyuan Nuclear Energy Technology & Materials, MillenniTEK, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Boron Carbide Neutron Absorbing Plate market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Aluminum Boron Carbide

Boron Carbide

Segmentation by Application:

Spent Fuel Storage Racks

Storage and Transportation Casks

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

3M

Holtec International

Nikkeikin Aluminium Core Technology Company

Antai-heyuan Nuclear Energy Technology & Materials

MillenniTEK

Ramon Science and Technology

Hangzhou Taofeilun

Stanford Advanced Materials (Oceania International)

Sea Dragon Hecai Technology(Jiangsu)

Baoding Borda New Material Technology

Trumony Aluminum

Key Questions Addressed in this Report

What is the 10-year outlook for the global Boron Carbide Neutron Absorbing Plate market?

What factors are driving Boron Carbide Neutron Absorbing Plate market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Boron Carbide Neutron Absorbing Plate market opportunities vary by end market size?

How does Boron Carbide Neutron Absorbing Plate break out by Type, by Application?

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