

Global Boron Carbide Neutron Absorber Material 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 Absorber Material 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 Absorber Material Industry Forecast" looks at past sales and reviews total world Boron Carbide Neutron Absorber Material sales in 2023, providing a comprehensive analysis by region and market sector of projected Boron Carbide Neutron Absorber Material sales for 2024 through 2030. With Boron Carbide Neutron Absorber Material 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 Absorber Material industry.

This Insight Report provides a comprehensive analysis of the global Boron Carbide Neutron Absorber Material 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 Absorber Material 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 Absorber Material market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Boron Carbide Neutron Absorber Material 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 Absorber Material.

United States market for Boron Carbide Neutron Absorber Material 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 Absorber Material 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 Absorber Material 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 Absorber Material 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 Absorber Material market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Aluminum Boron Carbide

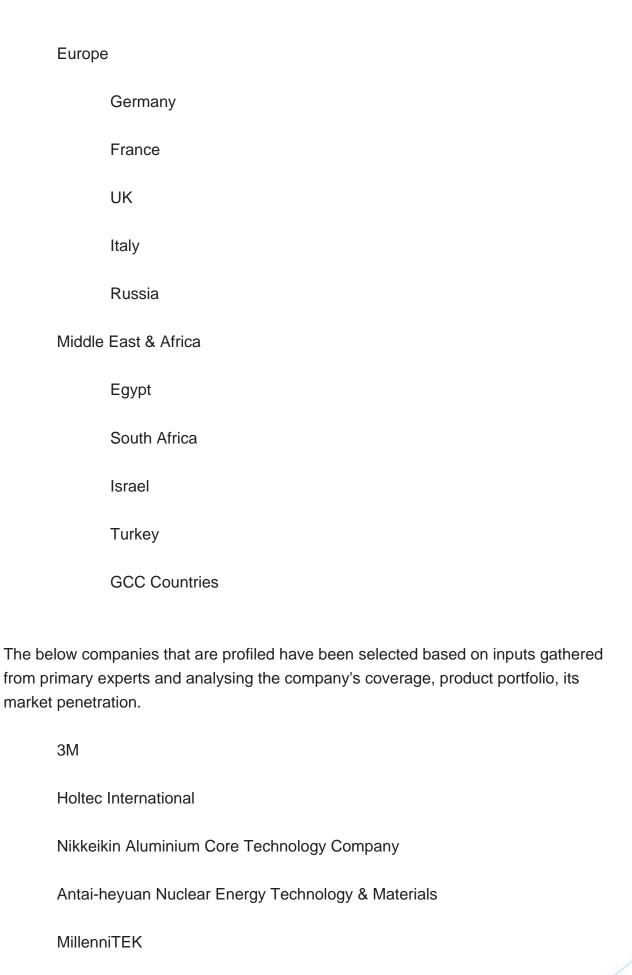


Boron Carbide Segmentation by Application: Spent Fuel Storage Racks Storage and Transportation Casks Others This report also splits the market by region: Americas **United States** Canada Mexico Brazil **APAC** China Japan Korea Southeast Asia

India

Australia







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 Absorber Material market?

What factors are driving Boron Carbide Neutron Absorber Material market growth, globally and by region?

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

How do Boron Carbide Neutron Absorber Material market opportunities vary by end market size?

How does Boron Carbide Neutron Absorber Material break out by Type, by Application?



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