

Global High Temperature Permanent Magnets Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global High Temperature Permanent Magnets market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

High temperature permanent magnets are magnets that can maintain stable magnetic properties at high temperatures, mainly including samarium cobalt (SmCo) and certain high-temperature neodymium-iron-boron (NdFeB) magnets. These magnets are designed and processed with special materials to work properly at temperatures over 80°C or even higher, and are widely used in aerospace, automotive, electric motors and medical equipment. With excellent energy density and durability, high temperature permanent magnets are suitable for high performance requirements in demanding environments and are an essential part of modern industry and technology.

This report is a detailed and comprehensive analysis for global High Temperature Permanent Magnets market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global High Temperature Permanent Magnets market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global High Temperature Permanent Magnets market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global High Temperature Permanent Magnets market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global High Temperature Permanent Magnets market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for High Temperature Permanent Magnets

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global High Temperature Permanent Magnets market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments.

Key companies covered as a part of this study include Hitachi Metals Group, Arnold Magnetic Technologies, Shin-Etsu, Integrated Magnetics, Magnetic Hold, Inc., Electron Energy Corporation, Adams Magnetic Products, Magnaworks Technology Inc, Viona Magnetics, FIRST4MAGNETS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

High Temperature Permanent Magnets market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and

value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

SmCo Magnets

AlNiCo Magnets

Neodymium Magnets

Others

Market segment by Application

Automotive

Aerospace

Industrial Equipment

Others

Major players covered

Hitachi Metals Group

Arnold Magnetic Technologies

Shin-Etsu

Integrated Magnetics

Magnetic Hold, Inc.

Electron Energy Corporation

Adams Magnetic Products

Magnaworks Technology Inc

Viona Magnetics

FIRST4MAGNETS

Stanford Magnets

K&J Magnetics

Applied Magnets

Bunting Magnetics Co.

Magma Magnetic Technologies Ltd.

Great Magtech (Xiamen) Electric Co.,Ltd

Sinoneo Magnets Co.,Ltd

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe High Temperature Permanent Magnets product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Temperature Permanent Magnets, with price, sales quantity, revenue, and global market share of High Temperature Permanent Magnets from 2020 to 2025.

Chapter 3, the High Temperature Permanent Magnets competitive situation, sales

quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Temperature Permanent Magnets breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and High Temperature Permanent Magnets market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of High Temperature Permanent Magnets.

Chapter 14 and 15, to describe High Temperature Permanent Magnets sales channel, distributors, customers, research findings and conclusion.

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