

Global Rare Earth Magnetic Refrigeration Materials Market Growth 2025-2031

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Abstracts

The global Rare Earth Magnetic Refrigeration Materials market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Rare earth magnetic refrigeration material refers to a new refrigeration technology that uses magnetic materials as working fluids. The basic principle is to use the magnetocaloric effect of the magnetic refrigeration material, that is, when the magnetic refrigeration material is isothermally magnetized, it releases heat to the outside world, and when it is adiabatically demagnetized, it absorbs heat from the outside world to achieve the purpose of refrigeration.

United States market for Rare Earth Magnetic Refrigeration Materials is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Rare Earth Magnetic Refrigeration Materials is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Rare Earth Magnetic Refrigeration Materials is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Rare Earth Magnetic Refrigeration Materials players cover Hitachi Metals Group, Shin-Etsu, TDK, VACUUMSCHMELZE GmbH, HTS-110, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Rare Earth Magnetic Refrigeration Materials Industry Forecast” looks at past sales and reviews total world Rare Earth Magnetic Refrigeration Materials sales in 2024, providing a comprehensive analysis by region and market sector of projected Rare Earth Magnetic Refrigeration Materials sales for 2025 through 2031. With Rare Earth Magnetic Refrigeration Materials sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Rare Earth Magnetic Refrigeration Materials industry.

This Insight Report provides a comprehensive analysis of the global Rare Earth Magnetic Refrigeration Materials 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 Rare Earth Magnetic Refrigeration Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Rare Earth Magnetic Refrigeration Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Rare Earth Magnetic Refrigeration Materials 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 Rare Earth Magnetic Refrigeration Materials.

This report presents a comprehensive overview, market shares, and growth opportunities of Rare Earth Magnetic Refrigeration Materials market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Rare Earth Compounds

Amorphous Alloy

Alloys or Compounds of 3D Transition Metals

Segmentation by Application:

Wind Power

New Energy Vehicles

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.

Hitachi Metals Group

Shin-Etsu

TDK

VACUUMSCHMELZE GmbH

HTS-110

Eriez

Daido Electronics

Arnold Magnetic Technologies

TyTek Industries

Radial Magnets

Eclipse Magnetics Ltd

Beijing Zhong Ke San Huan High-Tech Co.,Ltd

Ningbo Yunsheng Co.,Ltd

Earth-Panda Advanced Magnetic Material Co., Ltd

JL MAG Rare-Earth Co., Ltd

Yantai Zhenghai Magnetic Material Co.,Ltd

Jingci Material Science Co., Ltd

Zhejiang Innuovo Magnetics Co.,Ltd

Zhejiang Zhongyuan Magnetic Material Co.,Ltd

Advanced Technology & Materials Co.,Ltd

Magsuper (Dong Guan) Corp

Baotou Tianhe Magnetics Technology Co., Ltd

Grimm Advanced Materials Co., Ltd

Key Questions Addressed in this Report

What is the 10-year outlook for the global Rare Earth Magnetic Refrigeration Materials market?

What factors are driving Rare Earth Magnetic Refrigeration Materials market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?
How do Rare Earth Magnetic Refrigeration Materials market opportunities vary by end market size?
How does Rare Earth Magnetic Refrigeration Materials break out by Type, by Application?

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