

Global Permanent Magnets Market Research Report 2022 Professional Edition

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Abstracts

The global Permanent Magnets market was valued at 3429.22 Million USD in 2021 and will grow with a CAGR of .82% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact wwhich will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market verdors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Permanent magnets are objects made from a material that is magnetized and creates its own persistent magnetic field. Permanent magnets are made out of substances like magnetite (Fe3O4), the most magnetic naturally occurring mineral, or neodymium, a powerfully magnetic synthetic substance. Rising demand for miniaturization coupled with advancement in technology that leads to the availability of better quality ferrite magnets and neo magnets with lesser dysprosium content, together, will drive the market to \$18.8 billion by 2018. Asia-Pacific is the fastest growing markets for permanent magnet. Developing economies such as China and India are act as a growth engine for many industries that include automotive, consumer electronics, and medical technologies. These growing industries drive the growth in the region. The market here is expected to experience highest revenue growth during the next five years. The factors that drive growth in the permanent magnet market include high demand from current & emerging applications, development, and modernization of infrastructure, increased demand for efficiency & miniaturization, and initiatives of associations & regulatory bodies. The factors that hinder the growth of this market are the fluctuating costs of raw materials, lack of quality control across developing countries, and huge investments required in



R&D and technology. China is the leading manufacturer of low cost permanent magnet. The Chinese producers were able to produce low cost permanent magnet owing to government support and subsidies, cheap labor cost, and the presence of only a few environment & health policies. It was practically impossible for producers outside China to offer at a lower cost, and operate profitably, which resulted in a closure of magnet plants outside China. China in turn became the leading producer of permanent magnet. Moreover, China has also developed an exclusive full scale competitive advantage on rare earth elements (REE) mining technology, production technology, processing technology, and human capital. But, the market is growing with increasing number of applications in several industries. Quite a few associations and government authorities are taking the initiative for further research and development to expand the technological know-how and applications. For example, IEEE Magnetics (U.S.) focuses on basic development, designs, and applications of magnetic devices. The National Institute of Standards and Technology (NIST) (U.S.) focuses on the development of measurements, standards, and technology to improve the productivity of the product. Most of the companies have been focusing mainly on R&D in order to develop new and improved products .The companies have extensively applied expansion (either geographic or capacity expansion) as a growth strategy for this market, to increase their market share. SmCo magnets can be used for the widest temperature range, followed by Alnico magnets. But their magnetic properties are not that high. Ferrite magnets are the cheapest permanent magnet, hence they are consumed in the largest proportion, but their usage is limited by an operable temperature range and lower magnetic energy product. The NdFeB magnet has confined usage in high temperature applications. But in combination with cobalt and dysprosium its temperature properties are enhanced and used widely in applications where miniaturization is an important design criterion.

By Market Verdors:
Hitachi Metals
TDK
Magnequench
FDK
Vacuumschmelze

Arnold



Philips	
Cosmo Ferrites	
Nicrra	
Nec/Tokin	
Tengam Engineering	
DMEGC	
JPMF Guangdong	
Aerospace Magnet & Magneto	
Sinomag Technology	
Bgrimm Magnetic	
Jinchuan Electronics	
Tianyuan Technology	
Kaiven Group	
Golden South Magnetic	
By Types:	
NdFeB Magent	
Ferrite Magent	
By Applications:	
Auto Industry	



Household Appliance Industry

Computer Acoustical Product

Electronic Toys

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market?s competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.



Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements



Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by Permanent Magnets Revenue
- 1.4 Market Analysis by Type
 - 1.4.1 Global Permanent Magnets Market Size Growth Rate by Type: 2021 VS 2027
 - 1.4.2 NdFeB Magent
 - 1.4.3 Ferrite Magent
- 1.5 Market by Application
 - 1.5.1 Global Permanent Magnets Market Share by Application: 2022-2027
 - 1.5.2 Auto Industry
- 1.5.3 Household Appliance Industry
- 1.5.4 Computer Acoustical Product
- 1.5.5 Electronic Toys
- 1.6 Study Objectives
- 1.7 Years Considered
- 1.8 Overview of Global Permanent Magnets Market
 - 1.8.1 Global Permanent Magnets Market Status and Outlook (2016-2027)
 - 1.8.2 North America
 - 1.8.3 East Asia
 - 1.8.4 Europe
 - 1.8.5 South Asia
 - 1.8.6 Southeast Asia
 - 1.8.7 Middle East
 - 1.8.8 Africa
 - 1.8.9 Oceania
 - 1.8.10 South America
 - 1.8.11 Rest of the World

2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Permanent Magnets Production Capacity Market Share by Manufacturers (2016-2021)
- 2.2 Global Permanent Magnets Revenue Market Share by Manufacturers (2016-2021)
- 2.3 Global Permanent Magnets Average Price by Manufacturers (2016-2021)
- 2.4 Manufacturers Permanent Magnets Production Sites, Area Served, Product Type



3 SALES BY REGION

- 3.1 Global Permanent Magnets Sales Volume Market Share by Region (2016-2021)
- 3.2 Global Permanent Magnets Sales Revenue Market Share by Region (2016-2021)
- 3.3 North America Permanent Magnets Sales Volume
- 3.3.1 North America Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.3.2 North America Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.4 East Asia Permanent Magnets Sales Volume
- 3.4.1 East Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.4.2 East Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.5 Europe Permanent Magnets Sales Volume (2016-2021)
- 3.5.1 Europe Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.5.2 Europe Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.6 South Asia Permanent Magnets Sales Volume (2016-2021)
 - 3.6.1 South Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.6.2 South Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.7 Southeast Asia Permanent Magnets Sales Volume (2016-2021)
 - 3.7.1 Southeast Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.7.2 Southeast Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.8 Middle East Permanent Magnets Sales Volume (2016-2021)
 - 3.8.1 Middle East Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.8.2 Middle East Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.9 Africa Permanent Magnets Sales Volume (2016-2021)
 - 3.9.1 Africa Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.9.2 Africa Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.10 Oceania Permanent Magnets Sales Volume (2016-2021)
 - 3.10.1 Oceania Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.10.2 Oceania Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.11 South America Permanent Magnets Sales Volume (2016-2021)
 - 3.11.1 South America Permanent Magnets Sales Volume Growth Rate (2016-2021)



- 3.11.2 South America Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)
- 3.12 Rest of the World Permanent Magnets Sales Volume (2016-2021)
 - 3.12.1 Rest of the World Permanent Magnets Sales Volume Growth Rate (2016-2021)
- 3.12.2 Rest of the World Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

4 NORTH AMERICA

- 4.1 North America Permanent Magnets Consumption by Countries
- 4.2 United States
- 4.3 Canada
- 4.4 Mexico

5 EAST ASIA

- 5.1 East Asia Permanent Magnets Consumption by Countries
- 5.2 China
- 5.3 Japan
- 5.4 South Korea

6 EUROPE

- 6.1 Europe Permanent Magnets Consumption by Countries
- 6.2 Germany
- 6.3 United Kingdom
- 6.4 France
- 6.5 Italy
- 6.6 Russia
- 6.7 Spain
- 6.8 Netherlands
- 6.9 Switzerland
- 6.10 Poland

7 SOUTH ASIA

- 7.1 South Asia Permanent Magnets Consumption by Countries
- 7.2 India
- 7.3 Pakistan



7.4 Bangladesh

8 SOUTHEAST ASIA

- 8.1 Southeast Asia Permanent Magnets Consumption by Countries
- 8.2 Indonesia
- 8.3 Thailand
- 8.4 Singapore
- 8.5 Malaysia
- 8.6 Philippines
- 8.7 Vietnam
- 8.8 Myanmar

9 MIDDLE EAST

- 9.1 Middle East Permanent Magnets Consumption by Countries
- 9.2 Turkey
- 9.3 Saudi Arabia
- 9.4 Iran
- 9.5 United Arab Emirates
- 9.6 Israel
- 9.7 Iraq
- 9.8 Qatar
- 9.9 Kuwait
- 9.10 Oman

10 AFRICA

- 10.1 Africa Permanent Magnets Consumption by Countries
- 10.2 Nigeria
- 10.3 South Africa
- 10.4 Egypt
- 10.5 Algeria
- 10.6 Morocco

11 OCEANIA

- 11.1 Oceania Permanent Magnets Consumption by Countries
- 11.2 Australia



11.3 New Zealand

12 SOUTH AMERICA

- 12.1 South America Permanent Magnets Consumption by Countries
- 12.2 Brazil
- 12.3 Argentina
- 12.4 Columbia
- 12.5 Chile
- 12.6 Venezuela
- 12.7 Peru
- 12.8 Puerto Rico
- 12.9 Ecuador

13 REST OF THE WORLD

- 13.1 Rest of the World Permanent Magnets Consumption by Countries
- 13.2 Kazakhstan

14 SALES VOLUME, SALES REVENUE, SALES PRICE TREND BY TYPE

- 14.1 Global Permanent Magnets Sales Volume Market Share by Type (2016-2021)
- 14.2 Global Permanent Magnets Sales Revenue Market Share by Type (2016-2021)
- 14.3 Global Permanent Magnets Sales Price by Type (2016-2021)

15 CONSUMPTION ANALYSIS BY APPLICATION

- 15.1 Global Permanent Magnets Consumption Volume by Application (2016-2021)
- 15.2 Global Permanent Magnets Consumption Value by Application (2016-2021)

16 COMPANY PROFILES AND KEY FIGURES IN PERMANENT MAGNETS BUSINESS

- 16.1 Hitachi Metals
 - 16.1.1 Hitachi Metals Company Profile
 - 16.1.2 Hitachi Metals Permanent Magnets Product Specification
- 16.1.3 Hitachi Metals Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.2 TDK



- 16.2.1 TDK Company Profile
- 16.2.2 TDK Permanent Magnets Product Specification
- 16.2.3 TDK Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.3 Magnequench
 - 16.3.1 Magnequench Company Profile
 - 16.3.2 Magnequench Permanent Magnets Product Specification
- 16.3.3 Magnequench Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.4 FDK
 - 16.4.1 FDK Company Profile
 - 16.4.2 FDK Permanent Magnets Product Specification
- 16.4.3 FDK Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.5 Vacuumschmelze
 - 16.5.1 Vacuumschmelze Company Profile
 - 16.5.2 Vacuumschmelze Permanent Magnets Product Specification
- 16.5.3 Vacuumschmelze Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.6 Arnold
 - 16.6.1 Arnold Company Profile
 - 16.6.2 Arnold Permanent Magnets Product Specification
- 16.6.3 Arnold Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.7 Philips
 - 16.7.1 Philips Company Profile
 - 16.7.2 Philips Permanent Magnets Product Specification
- 16.7.3 Philips Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.8 Cosmo Ferrites
 - 16.8.1 Cosmo Ferrites Company Profile
 - 16.8.2 Cosmo Ferrites Permanent Magnets Product Specification
- 16.8.3 Cosmo Ferrites Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.9 Nicrra
 - 16.9.1 Nicrra Company Profile
 - 16.9.2 Nicrra Permanent Magnets Product Specification
- 16.9.3 Nicrra Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)



- 16.10 Nec/Tokin
 - 16.10.1 Nec/Tokin Company Profile
 - 16.10.2 Nec/Tokin Permanent Magnets Product Specification
- 16.10.3 Nec/Tokin Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.11 Tengam Engineering
- 16.11.1 Tengam Engineering Company Profile
- 16.11.2 Tengam Engineering Permanent Magnets Product Specification
- 16.11.3 Tengam Engineering Permanent Magnets Production Capacity, Revenue,

Price and Gross Margin (2016-2021)

- 16.12 DMEGC
 - 16.12.1 DMEGC Company Profile
 - 16.12.2 DMEGC Permanent Magnets Product Specification
- 16.12.3 DMEGC Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.13 JPMF Guangdong
 - 16.13.1 JPMF Guangdong Company Profile
- 16.13.2 JPMF Guangdong Permanent Magnets Product Specification
- 16.13.3 JPMF Guangdong Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.14 Aerospace Magnet & Magneto
 - 16.14.1 Aerospace Magnet & Magneto Company Profile
 - 16.14.2 Aerospace Magnet & Magneto Permanent Magnets Product Specification
- 16.14.3 Aerospace Magnet & Magneto Permanent Magnets Production Capacity,

Revenue, Price and Gross Margin (2016-2021)

- 16.15 Sinomag Technology
 - 16.15.1 Sinomag Technology Company Profile
 - 16.15.2 Sinomag Technology Permanent Magnets Product Specification
- 16.15.3 Sinomag Technology Permanent Magnets Production Capacity, Revenue,

Price and Gross Margin (2016-2021)

- 16.16 Bgrimm Magnetic
 - 16.16.1 Bgrimm Magnetic Company Profile
 - 16.16.2 Bgrimm Magnetic Permanent Magnets Product Specification
- 16.16.3 Bgrimm Magnetic Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.17 Jinchuan Electronics
 - 16.17.1 Jinchuan Electronics Company Profile
- 16.17.2 Jinchuan Electronics Permanent Magnets Product Specification
- 16.17.3 Jinchuan Electronics Permanent Magnets Production Capacity, Revenue,



Price and Gross Margin (2016-2021)

- 16.18 Tianyuan Technology
 - 16.18.1 Tianyuan Technology Company Profile
 - 16.18.2 Tianyuan Technology Permanent Magnets Product Specification
 - 16.18.3 Tianyuan Technology Permanent Magnets Production Capacity, Revenue,

Price and Gross Margin (2016-2021)

- 16.19 Kaiven Group
 - 16.19.1 Kaiven Group Company Profile
 - 16.19.2 Kaiven Group Permanent Magnets Product Specification
- 16.19.3 Kaiven Group Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.20 Golden South Magnetic
 - 16.20.1 Golden South Magnetic Company Profile
 - 16.20.2 Golden South Magnetic Permanent Magnets Product Specification
- 16.20.3 Golden South Magnetic Permanent Magnets Production Capacity, Revenue,

Price and Gross Margin (2016-2021)

17 PERMANENT MAGNETS MANUFACTURING COST ANALYSIS

- 17.1 Permanent Magnets Key Raw Materials Analysis
 - 17.1.1 Key Raw Materials
- 17.2 Proportion of Manufacturing Cost Structure
- 17.3 Manufacturing Process Analysis of Permanent Magnets
- 17.4 Permanent Magnets Industrial Chain Analysis

18 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS

- 18.1 Marketing Channel
- 18.2 Permanent Magnets Distributors List
- 18.3 Permanent Magnets Customers

19 MARKET DYNAMICS

- 19.1 Market Trends
- 19.2 Opportunities and Drivers
- 19.3 Challenges
- 19.4 Porter's Five Forces Analysis

20 PRODUCTION AND SUPPLY FORECAST



- 20.1 Global Forecasted Production of Permanent Magnets (2022-2027)
- 20.2 Global Forecasted Revenue of Permanent Magnets (2022-2027)
- 20.3 Global Forecasted Price of Permanent Magnets (2016-2027)
- 20.4 Global Forecasted Production of Permanent Magnets by Region (2022-2027)
- 20.4.1 North America Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.2 East Asia Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.3 Europe Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.4 South Asia Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.5 Southeast Asia Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.6 Middle East Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.7 Africa Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.8 Oceania Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.9 South America Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.4.10 Rest of the World Permanent Magnets Production, Revenue Forecast (2022-2027)
- 20.5 Forecast by Type and by Application (2022-2027)
- 20.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2022-2027)
- 20.5.2 Global Forecasted Consumption of Permanent Magnets by Application (2022-2027)

21 CONSUMPTION AND DEMAND FORECAST

- 21.1 North America Forecasted Consumption of Permanent Magnets by Country
- 21.2 East Asia Market Forecasted Consumption of Permanent Magnets by Country
- 21.3 Europe Market Forecasted Consumption of Permanent Magnets by Countriy
- 21.4 South Asia Forecasted Consumption of Permanent Magnets by Country
- 21.5 Southeast Asia Forecasted Consumption of Permanent Magnets by Country
- 21.6 Middle East Forecasted Consumption of Permanent Magnets by Country
- 21.7 Africa Forecasted Consumption of Permanent Magnets by Country
- 21.8 Oceania Forecasted Consumption of Permanent Magnets by Country
- 21.9 South America Forecasted Consumption of Permanent Magnets by Country
- 21.10 Rest of the world Forecasted Consumption of Permanent Magnets by Country

22 RESEARCH FINDINGS AND CONCLUSION

23 METHODOLOGY AND DATA SOURCE



- 23.1 Methodology/Research Approach
 - 23.1.1 Research Programs/Design
 - 23.1.2 Market Size Estimation
 - 23.1.3 Market Breakdown and Data Triangulation
- 23.2 Data Source
 - 23.2.1 Secondary Sources
 - 23.2.2 Primary Sources
- 23.3 Disclaimer



List Of Tables

LIST OF TABLES AND FIGURES

Key Players Covered: Ranking by Permanent Magnets Revenue (US\$ Million) 2016-2021

Global Permanent Magnets Market Size by Type (US\$ Million): 2022-2027

Global Permanent Magnets Market Size by Application (US\$ Million): 2022-2027

Global Permanent Magnets Production Capacity by Manufacturers

Global Permanent Magnets Production by Manufacturers (2016-2021)

Global Permanent Magnets Production Market Share by Manufacturers (2016-2021)

Global Permanent Magnets Revenue by Manufacturers (2016-2021)

Global Permanent Magnets Revenue Share by Manufacturers (2016-2021)

Global Market Permanent Magnets Average Price of Key Manufacturers (2016-2021)

Manufacturers Permanent Magnets Production Sites and Area Served

Manufacturers Permanent Magnets Product Type

Global Permanent Magnets Sales Volume by Region (2016-2021)

Global Permanent Magnets Sales Volume Market Share by Region (2016-2021)

Global Permanent Magnets Sales Revenue by Region (2016-2021)

Global Permanent Magnets Sales Revenue Market Share by Region (2016-2021)

North America Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

East Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)



Europe Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Southeast Asia Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Middle East Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Africa Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Oceania Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South America Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Rest of the World Permanent Magnets Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

North America Permanent Magnets Consumption by Countries (2016-2021)

East Asia Permanent Magnets Consumption by Countries (2016-2021)

Europe Permanent Magnets Consumption by Region (2016-2021)

South Asia Permanent Magnets Consumption by Countries (2016-2021)

Southeast Asia Permanent Magnets Consumption by Countries (2016-2021)

Middle East Permanent Magnets Consumption by Countries (2016-2021)

Africa Permanent Magnets Consumption by Countries (2016-2021)



Oceania Permanent Magnets Consumption by Countries (2016-2021)

South America Permanent Magnets Consumption by Countries (2016-2021)

Rest of the World Permanent Magnets Consumption by Countries (2016-2021)

Global Permanent Magnets Sales Volume by Type (2016-2021)

Global Permanent Magnets Sales Volume Market Share by Type (2016-2021)

Global Permanent Magnets Sales Revenue by Type (2016-2021)

Global Permanent Magnets Sales Revenue Share by Type (2016-2021)

Global Permanent Magnets Sales Price by Type (2016-2021)

Global Permanent Magnets Consumption Volume by Application (2016-2021)

Global Permanent Magnets Consumption Volume Market Share by Application (2016-2021)

Global Permanent Magnets Consumption Value by Application (2016-2021)

Global Permanent Magnets Consumption Value Market Share by Application (2016-2021)

Hitachi Metals Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

TDK Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Magnequench Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Table FDK Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Vacuumschmelze Permanent Magnets Production Capacity, Revenue, Price and Gross



Margin (2016-2021)

Arnold Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Philips Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Cosmo Ferrites Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Nicrra Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Nec/Tokin Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Tengam Engineering Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

DMEGC Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

JPMF Guangdong Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Aerospace Magnet & Magneto Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Sinomag Technology Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Bgrimm Magnetic Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Jinchuan Electronics Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Tianyuan Technology Permanent Magnets Production Capacity, Revenue, Price and



Gross Margin (2016-2021)

Kaiven Group Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Golden South Magnetic Permanent Magnets Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Permanent Magnets Distributors List

Permanent Magnets Customers List

Market Key Trends

Key Opportunities and Drivers: Impact Analysis (2022-2027)

Key Challenges

Global Permanent Magnets Production Forecast by Region (2022-2027)

Global Permanent Magnets Sales Volume Forecast by Type (2022-2027)

Global Permanent Magnets Sales Volume Market Share Forecast by Type (2022-2027)

Global Permanent Magnets Sales Revenue Forecast by Type (2022-2027)

Global Permanent Magnets Sales Revenue Market Share Forecast by Type (2022-2027)

Global Permanent Magnets Sales Price Forecast by Type (2022-2027)

Global Permanent Magnets Consumption Volume Forecast by Application (2022-2027)

Global Permanent Magnets Consumption Value Forecast by Application (2022-2027)

North America Permanent Magnets Consumption Forecast 2022-2027 by Country

East Asia Permanent Magnets Consumption Forecast 2022-2027 by Country



Europe Permanent Magnets Consumption Forecast 2022-2027 by Country

South Asia Permanent Magnets Consumption Forecast 2022-2027 by Country

Southeast Asia Permanent Magnets Consumption Forecast 2022-2027 by Country

Middle East Permanent Magnets Consumption Forecast 2022-2027 by Country

Africa Permanent Magnets Consumption Forecast 2022-2027 by Country

Oceania Permanent Magnets Consumption Forecast 2022-2027 by Country

South America Permanent Magnets Consumption Forecast 2022-2027 by Country

Rest of the world Permanent Magnets Consumption Forecast 2022-2027 by Country

Research Programs/Design for This Report

Key Data Information from Secondary Sources

Global Permanent Magnets Market Share by Type: 2021 VS 2027

NdFeB Magent Features

Ferrite Magent Features

Global Permanent Magnets Market Share by Application: 2021 VS 2027

Auto Industry Case Studies

Household Appliance Industry Case Studies

Computer Acoustical Product Case Studies

Global Permanent Magnets Market Research Report 2022 Professional Edition



Electronic Toys Case Studies

Permanent Magnets Report Years Considered

Global Permanent Magnets Market Status and Outlook (2016-2027)

North America Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

East Asia Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

Europe Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

South Asia Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

South America Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

Middle East Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

Africa Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

Oceania Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

South America Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

Rest of the World Permanent Magnets Revenue (Value) and Growth Rate (2016-2027)

North America Permanent Magnets Sales Volume Growth Rate (2016-2021)

East Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)

Europe Permanent Magnets Sales Volume Growth Rate (2016-2021)

South Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)

Southeast Asia Permanent Magnets Sales Volume Growth Rate (2016-2021)

Middle East Permanent Magnets Sales Volume Growth Rate (2016-2021)



Africa Permanent Magnets Sales Volume Growth Rate (2016-2021)

Oceania Permanent Magnets Sales Volume Growth Rate (2016-2021)

South America Permanent Magnets Sales Volume Growth Rate (2016-2021)

Rest of the World Permanent Magnets Sales Volume Growth Rate (2016-2021)

North America Permanent Magnets Consumption and Growth Rate (2016-2021)

North America Permanent Magnets Consumption Market Share by Countries in 2021

United States Permanent Magnets Consumption and Growth Rate (2016-2021)

Canada Permanent Magnets Consumption and Growth Rate (2016-2021)

Mexico Permanent Magnets Consumption and Growth Rate (2016-2021)

East Asia Permanent Magnets Consumption and Growth Rate (2016-2021)

East Asia Permanent Magnets Consumption Market Share by Countries in 2021

China Permanent Magnets Consumption and Growth Rate (2016-2021)

Japan Permanent Magnets Consumption and Growth Rate (2016-2021)

South Korea Permanent Magnets Consumption and Growth Rate (2016-2021)

Europe Permanent Magnets Consumption and Growth Rate

Europe Permanent Magnets Consumption Market Share by Region in 2021

Germany Permanent Magnets Consumption and Growth Rate (2016-2021)

United Kingdom Permanent Magnets Consumption and Growth Rate (2016-2021)

France Permanent Magnets Consumption and Growth Rate (2016-2021)

Italy Permanent Magnets Consumption and Growth Rate (2016-2021)

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Russia Permanent Magnets Consumption and Growth Rate (2016-2021)

Spain Permanent Magnets Consumption and Growth Rate (2016-2021)

Netherlands Permanent Magnets Consumption and Growth Rate (2016-2021)

Switzerland Permanent Magnets Consumption and Growth Rate (2016-2021)

Poland Permanent Magnets Consumption and Growth Rate (2016-2021)

South Asia Permanent Magnets Consumption and Growth Rate

South Asia Permanent Magnets Consumption Market Share by Countries in 2021

India Permanent Magnets Consumption and Growth Rate (2016-2021)

Pakistan Permanent Magnets Consumption and Growth Rate (2016-2021)

Bangladesh Permanent Magnets Consumption and Growth Rate (2016-2021)

Southeast Asia Permanent Magnets Consumption and Growth Rate

Southeast Asia Permanent Magnets Consumption Market Share by Countries in 2021

Indonesia Permanent Magnets Consumption and Growth Rate (2016-2021)

Thailand Permanent Magnets Consumption and Growth Rate (2016-2021)

Singapore Permanent Magnets Consumption and Growth Rate (2016-2021)

Malaysia Permanent Magnets Consumption and Growth Rate (2016-2021)

Philippines Permanent Magnets Consumption and Growth Rate (2016-2021)

Vietnam Permanent Magnets Consumption and Growth Rate (2016-2021)

Myanmar Permanent Magnets Consumption and Growth Rate (2016-2021)



Middle East Permanent Magnets Consumption and Growth Rate

Middle East Permanent Magnets Consumption Market Share by Countries in 2021

Turkey Permanent Magnets Consumption and Growth Rate (2016-2021)

Saudi Arabia Permanent Magnets Consumption and Growth Rate (2016-2021)

Iran Permanent Magnets Consumption and Growth Rate (2016-2021)

United Arab Emirates Permanent Magnets Consumption and Growth Rate (2016-2021)

Israel Permanent Magnets Consumption and Growth Rate (2016-2021)

Iraq Permanent Magnets Consumption and Growth Rate (2016-2021)

Qatar Permanent Magnets Consumption and Growth Rate (2016-2021)

Kuwait Permanent Magnets Consumption and Growth Rate (2016-2021)

Oman Permanent Magnets Consumption and Growth Rate (2016-2021)

Africa Permanent Magnets Consumption and Growth Rate

Africa Permanent Magnets Consumption Market Share by Countries in 2021

Nigeria Permanent Magnets Consumption and Growth Rate (2016-2021)

South Africa Permanent Magnets Consumption and Growth Rate (2016-2021)

Egypt Permanent Magnets Consumption and Growth Rate (2016-2021)

Algeria Permanent Magnets Consumption and Growth Rate (2016-2021)

Morocco Permanent Magnets Consumption and Growth Rate (2016-2021)

Oceania Permanent Magnets Consumption and Growth Rate

Oceania Permanent Magnets Consumption Market Share by Countries in 2021

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Australia Permanent Magnets Consumption and Growth Rate (2016-2021)

New Zealand Permanent Magnets Consumption and Growth Rate (2016-2021)

South America Permanent Magnets Consumption and Growth Rate

South America Permanent Magnets Consumption Market Share by Countries in 2021

Brazil Permanent Magnets Consumption and Growth Rate (2016-2021)

Argentina Permanent Magnets Consumption and Growth Rate (2016-2021)

Columbia Permanent Magnets Consumption and Growth Rate (2016-2021)

Chile Permanent Magnets Consumption and Growth Rate (2016-2021)

Venezuelal Permanent Magnets Consumption and Growth Rate (2016-2021)

Peru Permanent Magnets Consumption and Growth Rate (2016-2021)

Puerto Rico Permanent Magnets Consumption and Growth Rate (2016-2021)

Ecuador Permanent Magnets Consumption and Growth Rate (2016-2021)

Rest of the World Permanent Magnets Consumption and Growth Rate

Rest of the World Permanent Magnets Consumption Market Share by Countries in 2021

Kazakhstan Permanent Magnets Consumption and Growth Rate (2016-2021)

Sales Market Share of Permanent Magnets by Type in 2021

Sales Revenue Market Share of Permanent Magnets by Type in 2021

Global Permanent Magnets Consumption Volume Market Share by Application in 2021

Hitachi Metals Permanent Magnets Product Specification



TDK Permanent Magnets Product Specification

Magnequench Permanent Magnets Product Specification

FDK Permanent Magnets Product Specification

Vacuumschmelze Permanent Magnets Product Specification

Arnold Permanent Magnets Product Specification

Philips Permanent Magnets Product Specification

Cosmo Ferrites Permanent Magnets Product Specification

Nicrra Permanent Magnets Product Specification

Nec/Tokin Permanent Magnets Product Specification

Tengam Engineering Permanent Magnets Product Specification

DMEGC Permanent Magnets Product Specification

JPMF Guangdong Permanent Magnets Product Specification

Aerospace Magnet & Magneto Permanent Magnets Product Specification

Sinomag Technology Permanent Magnets Product Specification

Bgrimm Magnetic Permanent Magnets Product Specification

Jinchuan Electronics Permanent Magnets Product Specification

Tianyuan Technology Permanent Magnets Product Specification

Kaiven Group Permanent Magnets Product Specification

Golden South Magnetic Permanent Magnets Product Specification

Manufacturing Cost Structure of Permanent Magnets

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Manufacturing Process Analysis of Permanent Magnets

Permanent Magnets Industrial Chain Analysis

Channels of Distribution

Distributors Profiles

Porter's Five Forces Analysis

Global Permanent Magnets Production Capacity Growth Rate Forecast (2022-2027)

Global Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Global Permanent Magnets Price and Trend Forecast (2016-2027)

North America Permanent Magnets Production Growth Rate Forecast (2022-2027)

North America Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

East Asia Permanent Magnets Production Growth Rate Forecast (2022-2027)

East Asia Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Europe Permanent Magnets Production Growth Rate Forecast (2022-2027)

Europe Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

South Asia Permanent Magnets Production Growth Rate Forecast (2022-2027)

South Asia Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Southeast Asia Permanent Magnets Production Growth Rate Forecast (2022-2027)

Southeast Asia Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Middle East Permanent Magnets Production Growth Rate Forecast (2022-2027)



Middle East Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Africa Permanent Magnets Production Growth Rate Forecast (2022-2027)

Africa Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Oceania Permanent Magnets Production Growth Rate Forecast (2022-2027)

Oceania Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

South America Permanent Magnets Production Growth Rate Forecast (2022-2027)

South America Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

Rest of the World Permanent Magnets Production Growth Rate Forecast (2022-2027)

Rest of the World Permanent Magnets Revenue Growth Rate Forecast (2022-2027)

North America Permanent Magnets Consumption Forecast 2022-2027

East Asia Permanent Magnets Consumption Forecast 2022-2027

Europe Permanent Magnets Consumption Forecast 2022-2027

South Asia Permanent Magnets Consumption Forecast 2022-2027

Southeast Asia Permanent Magnets Consumption Forecast 2022-2027

Middle East Permanent Magnets Consumption Forecast 2022-2027

Africa Permanent Magnets Consumption Forecast 2022-2027

Oceania Permanent Magnets Consumption Forecast 2022-2027

South America Permanent Magnets Consumption Forecast 2022-2027

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