

Ferrite Magnet Powder Manufacturing Plant Project Report: Industry Trends, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue

<https://marketpublishers.com/r/F093E8814C8EN.html>

Date: July 2015

Pages: 48

Price: US\$ 900.00 (Single User License)

ID: F093E8814C8EN

Abstracts

Ferrite magnets currently represent the most widely used permanent magnets across the globe. The major raw materials used to manufacture ferrite magnets are relatively inexpensive compared to most other types of permanent magnets. This enables them to be perfectly suited for high volume production runs. These magnets are also termed as ceramic magnets due to their excellent electrical insulation ability. Ferrite magnets are superb in damp, wet or marine environments and exhibit high resistance to demagnetisation and corrosion.

Ferrite permanent magnets exist in two forms - Strontium Ferrite magnets and Barium Ferrite Magnets. The Strontium Ferrite magnets are the most commonly manufactured due to having stronger magnetic properties. Ferrite magnets can be found in almost all industries - Automotive, Sensor, Machines, Aerospace, Military, Advertising, Electrical/Electronic, Academic, Design House, etc. They are, however, extremely popular in motors, generators, loudspeakers and marine designs.

China currently represents both the largest producer and consumer of ferrite magnets. China's cheap labour and abundance of raw materials has made it a favourable destination for manufacturers of magnets as well as their end users such as manufacturers of electric transformers, inductors and industrial/electronic goods. Other major markets for ferrite magnets include the United States, Japan, India, etc.

IMARC's latest study "Ferrite Magnet Powder Manufacturing Plant Project Report: Industry Trends, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue" provides a techno-commercial roadmap for setting up a ferrite magnet powder manufacturing plant. The study, which has been done by one of the world's

leading research and advisory firms, covers all the requisite aspects of the ferrite magnet industry. This ranges from macro overview of the market to micro details of the industry performance, processing and manufacturing requirements, project cost, project funding, project economics, expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have or plan to have any kind of stake in the ferrite magnet industry.

Key Questions Answered in This Report?

What are the key success and risk factors in the ferrite magnets industry?

How has the ferrite magnets market performed so far and how will it perform in the coming years?

What is the structure of the ferrite magnets industry and who are the key players?

What are the various unit operations involved in a ferrite magnet powder manufacturing plant?

What is the total size of land required for setting up a ferrite magnet powder manufacturing plant?

What are the machinery requirements for setting up a ferrite magnet powder manufacturing plant?

What are the raw material requirements and composition for setting up a ferrite magnet powder manufacturing plant?

What are the utility requirements for setting up a ferrite magnet powder manufacturing plant?

What are the manpower requirements for setting up a ferrite magnet powder manufacturing plant?

What are the infrastructure costs for setting up a ferrite magnet powder manufacturing plant?

What are the capital costs for setting up a ferrite magnet powder manufacturing plant?

What are the operating costs for setting up a ferrite magnet powder manufacturing plant?

What will be the income and expenditures for a ferrite magnet powder manufacturing plant?

What is the time required to break-even?

Contents

1 RESEARCH METHODOLOGY

2 EXECUTIVE SUMMARY

3 INTRODUCTION

4 GLOBAL PERMANENT MAGNETS MARKET

- 4.1.1 Market Overview & Current Trends
- 4.1.2 Market Breakup by Magnet Type
- 4.1.3 Market Breakup by Region
- 4.1.4 Market Forecast
- 4.1.5 Key Players

5 GLOBAL FERRITE MAGNETS MARKET

- 5.1.1 Market Overview & Current Trends
- 5.1.2 Market Breakup by Region
- 5.1.3 Market Breakup by Application Sector
- 5.1.4 Market Forecast
- 5.1.5 Key Players

6 KEY SUCCESS AND RISK FACTORS

7 PROCESSING AND MANUFACTURING OF FERRITE MAGNET POWDER

- 7.1 Ferrite Magnet Powder Manufacturing Plant: Various Types of Unit Operations Involved
- 7.2 Ferrite Magnet Powder Manufacturing Plant: Detailed Process Flow
- 7.3 Ferrite Magnet Powder Manufacturing Plant: Conversion Rate of Feedstock

8 PROJECT DETAILS, REQUIREMENTS AND COSTS INVOLVED

- 8.1 Land, Location and Site Development
- 8.2 Plant Layout
- 8.3 Plant and Machinery
- 8.4 Raw Materials

8.5 Utilities

8.6 Manpower

8.7 Other Capital Investments

9 FERRITE MAGNET POWDER MANUFACTURING PLANT: PROJECT ECONOMICS

9.1 Capital Cost of the Project

9.2 Techno-Economic Parameters

9.3 Product Pricing

9.4 Income Projections

9.5 Expenditure Projections

9.6 Financial Analysis

List Of Tables

LIST OF TABLES

Table 4 1: Global: Permanent Magnets Market: Overview of Key Players

Table 5 1: Global: Ferrite Magnets Market: Overview of Key Players

Table 8 1: Ferrite Magnet Powder Manufacturing Plant: Costs Related to Land and Site Development (in US\$)

Table 8 2: Ferrite Magnet Powder Manufacturing Plant: Costs Related to Civil Works (in US\$)

Table 8 3: Ferrite Magnet Powder Manufacturing Plant: Costs Related to Plant Machinery (in US\$)

Table 8 4: Ferrite Magnet Powder Manufacturing Plant: Summary of Costs Related to Plant Machinery (in US\$)

Table 8 5: Ferrite Magnet Powder Manufacturing Plant: Raw Materials Requirements (in Tons/Day)

Table 8 6: Ferrite Magnet Powder Manufacturing Plant: Costs Related to Other Capital

Table 9 1: Ferrite Magnet Powder Manufacturing Plant: Capital Costs (in US\$)

Table 9 2: Ferrite Magnet Powder Manufacturing Plant: Techno-Economic Parameters

Table 9 3: Ferrite Magnet Powder Manufacturing Plant: Income Projections (in US\$)

Table 9 4: Ferrite Magnet Powder Manufacturing Plant: Expenditure Projections (in US\$)

Table 9 5: Ferrite Magnet Powder Manufacturing Plant: Cash Flow Analysis without Considering the Income Tax Liability

Table 9 6: Ferrite Magnet Powder Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability

List Of Figures

LIST OF FIGURES

Figure 4 1: Global: Permanent Magnets Market: Sales Volume (In Metric Tons), 2007-2014

Figure 4 2: Global: Permanent Magnets Market: Sales Value (In Million US\$), 2007-2014

Figure 4 3: Global: Permanent Magnets Market: Break Up by Magnet Type (In %), 2014

Figure 4 4: Global: Permanent Magnets Market: Break Up by Region (In %), 2014

Figure 4 5: Global: Permanent Magnets Market: Sales Volume (In Metric Tons), 2015-2020

Figure 4 6: Global: Permanent Magnets Market: Sales Value (In Million US\$), 2015-2020

Figure 5 1: Global: Ferrite Magnets Market: Sales Volume (In Metric Tons), 2007-2014

Figure 5 2: Global: Ferrite Magnets Market: Sales Value (In Million US\$), 2007-2014

Figure 5 3: Global: Ferrite Magnets Market: Break Up by Region (In %), 2014

Figure 5 4: Global: Ferrite Magnets Market: Break Up by Application (In %), 2014

Figure 5 5: Global: Ferrite Magnets Market: Sales Volume (In Metric Tons), 2015-2020

Figure 5 6: Global: Ferrite Magnets Market: Sales Value (In Million US\$), 2015-2020

Figure 7 1: Ferrite Magnet Powder Manufacturing Process: Flow Diagram

Figure 7 2: Ferrite Magnet Powder Manufacturing Process: Conversion Rate of Feed stock

Figure 8 1: Ferrite Magnet Powder Manufacturing Plant: Proposed Plant Layout

Figure 9 1: Ferrite Magnet Powder Manufacturing Plant: Breakup of Capital Costs (in %)

Figure 9 2: Ferrite Magnet Powder Manufacturing Plant: Breakup of Operational Expenses

I would like to order

Product name: Ferrite Magnet Powder Manufacturing Plant Project Report: Industry Trends, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue

Product link: <https://marketpublishers.com/r/F093E8814C8EN.html>

Price: US\$ 900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F093E8814C8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

