

Magnetic Materials: Market Research Report

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Abstracts

This report analyzes the worldwide markets for Magnetic Materials in US\$ Million by the following Product Segments: Soft Magnetic Materials (Soft Ferrite, and Electrical Steel), and Permanent Magnetic Materials (Alnico Magnets, Hard Ferrite, Samarium Cobalt Magnets, and NdFeB Magnets).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2010 through 2018.

A six-year historic analysis is also provided for these markets.

The report profiles 220 companies including many key and niche players such as Advanced Technology & Materials Co., Ltd., Beijing Jingci Magnetism Technology Co., Beijing Zhong Ke San Huan Hi-Tech Co., Ltd., BGRIMM Magnetic Materials & Technology Co. Ltd., Electron Energy Corp., Hitachi Metals Ltd., Hitachi Metals America Ltd., Hengdian Group DMEGC Magnetics Co., Ltd., Hoosier Magnetics Inc., Jiashan Pengcheng Magnets Co Ltd., JFE Ferrite Corporation, Magnetics, Inc., Master Magnetics, Inc., Ningbo Ketian Magnet Co., Ltd., Ningbo Permanent Magnetics Co Ltd., Ningbo Vastsky Magnetic & Plastic Technology Co., Ltd., Ningbo Yunsheng Hi-Tech Magnetics Co Ltd., Neo Material Technologies, Inc., Shin-Etsu Chemical Co, Ltd., TDK Corp., Thomas & Skinner, Inc., ThyssenKrupp Electrical Steel, Tridus Magnetics and Assemblies, and Vacuumschmelze GmbH & Co. KG.

Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based upon search engine sources in the public domain.

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Table 69. Rest of Europe 15-Year Perspective for Magnetic Materials by Product Segment - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

5.ASIA-PACIFIC

A. Market Analysis

Outlook

Asia Leads Magnetic Material Production Worldwide

China – A High Growth Market

Strategic Corporate Development

B. Market Analytics

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Table 74. Asia-Pacific Historic Review for Magnetic Materials by Product Segment -

Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 75. Asia-Pacific 15-Year Perspective for Magnetic Materials by Product Segment - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

5A.CHINA

A. Market Analysis
Overview

Table 76. Leading Rare Earth Permanent Magnet Material Manufacturers in China (2011): Percentage Breakdown of Revenues for AT&M, Zhong Ke San Huan, Ningbo Yunsheng, Taiyuan Twin Tower Aluminum Oxide, Zhmag and Sinosteel Anhui Tianyuan Technology (includes corresponding Graph/Chart)

Outlook

Strong Growth on the Cards

Manufacturers in Dongyang All Set to Expand Production

Market Drivers

Market Inhibitors

China Lacks International Competitiveness on Quality Front

Opportunities and Challenges in the Chinese Magnetic Materials Industry

Opportunities

Risks and Challenges

Segmental Analysis

Ferrite Industry In China

Soft Ferrite

Rare Earth Permanent Magnet

Table 77. Leading NdFeB Magnet Material Producers in China (2011): Percentage Breakdown of Value Sales for Baotou Steel Rare Earth Group, Zhong Ke San Huan,

AT&M, Ningbo Yunsheng, Taiyuan Twin tower Aluminum Oxide, Zhmag, Sinosteel Anhui Tianyuan Technology and Chengdu Galaxy Magnets Company Limited (includes corresponding Graph/Chart)

NdFeB Magnets: A Major Consumer for Rare Earths
China Ferrite Industry Faces Raw Material Shortages
China Limits Rare Earth Supply on Sustainable Development Grounds
High-Precision Permanent Magnets Gains Preeminence
Growing Applications Keep the Market Aflame
Magnetic Materials and Key Applications
Basic Methods to Source Supplies from China
Production Scenario
Statistics in the Recent Past

Table 78. Chinese Magnetic Materials Production by Type (2008): Percentage Value Share Breakdown for Permanent Ferrite, Soft Magnetic Ferrite, and Others (includes corresponding Graph/Chart)

Table 79. Chinese Permanent Ferrite Production by Type: Percentage Volume Share Breakdown for Sintered Magnets and Bonded Magnets (includes corresponding Graph/Chart)

Select Chinese Players
Beijing Thinova Jinco Co., Ltd
Ray OEM-Manufacturing (Magnet) Co., Ltd
Universal (Ningbo) Magnetech Co., Ltd
Xiamen One Magnet Electronic Co. Ltd
B. Market Analytics

Table 80. Chinese Recent Past, Current & Future Analysis for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 81. Chinese Historic Review for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials

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Table 82. Chinese 15-Year Perspective for Magnetic Materials by Product Segment - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

5B.REST OF ASIA-PACIFIC

A. Market Analysis

Outlook

Ferrite Industry in India

Select Players

ACME Electronics Corp. (Taiwan)

Micromeg Technology Corp (Taiwan)

B. Market Analytics

Table 83. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 84. Rest of Asia-Pacific Historic Review for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 85. Rest of Asia-Pacific 15-Year Perspective for Magnetic Materials by Product Segment - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

6.LATIN AMERICA

A. Market Analysis

Outlook

B. Market Analytics

Table 86. Latin American Recent Past, Current & Future Analysis for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 87. Latin American Historic Review for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 88. Latin American 15-Year Perspective for Magnetic Materials by Product Segments - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

7.REST OF WORLD

A. Market Analysis

Outlook

Research and Development Activity

Magnetic Nanoparticles Synthesized for Information Storage

B. Market Analytics

Table 89. Rest of World Recent Past, Current & Future Analysis for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 90. Rest of World Historic Review for Magnetic Materials by Product Segment - Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 91. Rest of World 15-Year Perspective for Magnetic Materials by Product Segments - Percentage Breakdown of Dollar Sales for Soft Magnetic Materials (Soft Ferrite and Electrical Steel) and Permanent Magnetic Materials (Alnico, Hard Ferrite, Samarium Cobalt and NdFeB) Markets for Years 2004, 2011 & 2018 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 220 (including Divisions/Subsidiaries - 234)

The United States (49)

Canada (2)

Japan (15)

Europe (46)

- France (3)

- Germany (14)

- The United Kingdom (11)

- Italy (3)

- Spain (3)

- Rest of Europe (12)

Asia-Pacific (Excluding Japan) (122)

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