

# Soft Magnetic Materials Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/S87BD01AE4BFEN.html>

Date: November 2023

Pages: 149

Price: US\$ 2,499.00 (Single User License)

ID: S87BD01AE4BFEN

## Abstracts

The global soft magnetic materials market size reached US\$ 29.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 47.5 Billion by 2028, exhibiting a growth rate (CAGR) of 8.32% during 2022-2028.

Soft magnetic materials are functional elements used to measure the magnetic field, electric current, displacement, and mechanical stress. They offer utmost permeability, slight coercive force, small hysteresis loss, remanent induction, and high saturation magnetization. They are utilized in the magnetic cores of transformers, inductors, motors, and generators worldwide. Some of the commonly used soft magnetic materials include pure iron, silicon iron alloys, and nickel-iron alloys.

### Soft Magnetic Materials Market Trends:

Due to the growing global population, rapid infrastructural developments, and increasing manufacturing activities, the demand for soft magnetic materials in the energy and power industry is escalating around the world. Apart from this, there is a considerable increase in the application of these materials in the automotive industry across the globe. This can be accredited to the rising usage of high functional automotive components, such as the alternator, gearbox, induction coil, and antenna core. Soft magnetic materials are also increasingly being utilized in electric vehicles (EVs) on account of their benefits, such as compact design, low noise, and energy savings. As a result, the rising adoption of EVs around the world is catalyzing the demand for soft magnetic materials. Moreover, they are employed in the stators of brushless direct current (DC) motors, switch reluctance motors, claw pole motors, steppers motors, transformers, and alternators. Furthermore, the market is driven by numerous innovations in the development of harvesting renewable energy and growing

investments in the power distribution sector. Other major factors, including the coronavirus diseases (COVID-19) outbreak and a significant need for medical equipment like ventilators that are made up of motors, are anticipated to positively influence the market across the globe.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global soft magnetic materials market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material, application and end use.

#### Breakup by Material:

- Cobalt
- Iron
- Nickel
- Electric Steel
- Others

#### Breakup by Application:

- Motors
- Transformers
- Alternators
- Others

#### Breakup by End Use:

- Automotive
- Electrical and Electronics
- Telecommunication
- Energy and Power
- Others

#### Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arnold Magnetic Technologies, Daido Steel Co. Ltd., GKN Sinter Metals Engineering GmbH, Hitachi Ltd., Mate Co. Ltd., Meyer Sintermetall AG, SG Technologies, Steward Advanced Materials, Sumitomo Metal Mining Co. Ltd., Toshiba Materials Co Ltd (Toshiba Corporation) and Vacuumschmelze GmbH & Co KG.

Key Questions Answered in This Report

1. What was the size of the global soft magnetic materials market in 2022?
2. What is the expected growth rate of the global soft magnetic materials market during 2023-2028?
3. What are the key factors driving the global soft magnetic materials market?
4. What has been the impact of COVID-19 on the global soft magnetic materials market?
5. What is the breakup of the global soft magnetic materials market based on the material?

6. What is the breakup of the global soft magnetic materials market based on the application?
7. What is the breakup of the global soft magnetic materials market based on the end use?
8. What are the key regions in the global soft magnetic materials market?
9. Who are the key players/companies in the global soft magnetic materials market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL SOFT MAGNETIC MATERIALS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY MATERIAL**

- 6.1 Cobalt
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Iron
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Nickel

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Electric Steel
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Others
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Motors
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Transformers
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Alternators
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Others
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast

## **8 MARKET BREAKUP BY END USE**

- 8.1 Automotive
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Electrical and Electronics
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Telecommunication
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Energy and Power
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

- 9.3.2.1 Market Trends
- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
  - 9.3.3.1 Market Trends
  - 9.3.3.2 Market Forecast
- 9.3.4 Italy
  - 9.3.4.1 Market Trends
  - 9.3.4.2 Market Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends
  - 9.3.5.2 Market Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends
  - 9.3.6.2 Market Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends
  - 9.3.7.2 Market Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends
    - 9.4.1.2 Market Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends
    - 9.4.2.2 Market Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends
    - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends
  - 9.5.2 Market Breakup by Country
  - 9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats



## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 Arnold Magnetic Technologies
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
  - 14.3.2 Daido Steel
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
    - 14.3.2.3 Financials
    - 14.3.2.4 SWOT Analysis
  - 14.3.3 GKN Sinter Metals Engineering GmbH
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
  - 14.3.4 Hitachi Ltd.
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
    - 14.3.4.3 Financials
    - 14.3.4.4 SWOT Analysis
  - 14.3.5 Mate co. Ltd.
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio
  - 14.3.6 Meyer Sintermetall AG

- 14.3.6.1 Company Overview
- 14.3.6.2 Product Portfolio
- 14.3.7 SG Technologies
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
- 14.3.8 Steward Advanced Materials
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
- 14.3.9 Sumitomo Metal Mining Co., Ltd.
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
  - 14.3.9.3 Financials
  - 14.3.9.4 SWOT Analysis
- 14.3.10 Toshiba Materials Co Ltd (Toshiba Corporation)
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio
- 14.3.11 Vacuumschmelze GmbH & Co KG
  - 14.3.11.1 Company Overview
  - 14.3.11.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Soft Magnetic Materials Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Soft Magnetic Materials Market Forecast: Breakup by Material (in Million US\$), 2023-2028

Table 3: Global: Soft Magnetic Materials Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Soft Magnetic Materials Market Forecast: Breakup by End Use (in Million US\$), 2023-2028

Table 5: Global: Soft Magnetic Materials Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Soft Magnetic Materials Market: Competitive Structure

Table 7: Global: Soft Magnetic Materials Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Soft Magnetic Materials Market: Major Drivers and Challenges

Figure 2: Global: Soft Magnetic Materials Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Soft Magnetic Materials Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Soft Magnetic Materials Market: Breakup by Material (in %), 2022

Figure 5: Global: Soft Magnetic Materials Market: Breakup by Application (in %), 2022

Figure 6: Global: Soft Magnetic Materials Market: Breakup by End Use (in %), 2022

Figure 7: Global: Soft Magnetic Materials Market: Breakup by Region (in %), 2022

Figure 8: Global: Soft Magnetic Materials (Cobalt) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Soft Magnetic Materials (Cobalt) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Soft Magnetic Materials (Iron) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Soft Magnetic Materials (Iron) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Soft Magnetic Materials (Nickel) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Soft Magnetic Materials (Nickel) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Soft Magnetic Materials (Electric Steel) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Soft Magnetic Materials (Electric Steel) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Soft Magnetic Materials (Other Materials) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Soft Magnetic Materials (Other Materials) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Soft Magnetic Materials (Motors) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Soft Magnetic Materials (Motors) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Soft Magnetic Materials (Transformers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Soft Magnetic Materials (Transformers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Soft Magnetic Materials (Alternators) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Soft Magnetic Materials (Alternators) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Soft Magnetic Materials (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Soft Magnetic Materials (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Soft Magnetic Materials (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Soft Magnetic Materials (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Soft Magnetic Materials (Electrical and Electronics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Soft Magnetic Materials (Electrical and Electronics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Soft Magnetic Materials (Telecommunication) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Soft Magnetic Materials (Telecommunication) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Soft Magnetic Materials (Energy and Power) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Soft Magnetic Materials (Energy and Power) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Soft Magnetic Materials (Other End Uses) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Soft Magnetic Materials (Other End Uses) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Canada: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017

& 2022

Figure 41: Canada: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Asia-Pacific: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia-Pacific: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Australia: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Others: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Germany: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: France: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: United Kingdom: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Italy: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Spain: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Russia: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Others: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Latin America: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Latin America: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Brazil: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Mexico: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Mexico: Soft Magnetic Materials Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 80: Others: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Middle East and Africa: Soft Magnetic Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Middle East and Africa: Soft Magnetic Materials Market: Breakup by Country (in %), 2022

Figure 84: Middle East and Africa: Soft Magnetic Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Global: Soft Magnetic Materials Industry: SWOT Analysis

Figure 86: Global: Soft Magnetic Materials Industry: Value Chain Analysis

Figure 87: Global: Soft Magnetic Materials Industry: Porter's Five Forces Analysis



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