

# Global Soft Magnetic Materials Market 2021

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## Abstracts

Soft magnetic materials are those materials that are easily magnetized and demagnetized. They typically have intrinsic coercivity less than 1000 Am<sup>-1</sup>. Soft magnetic materials are widely used across many technologies and systems, including electric motors as well as electric transformers, consumer devices and medical devices. A study by StrategyHelix indicates that the global soft magnetic materials market is expected to increase by US\$ 37,175 million from 2021 to 2027, garnering a CAGR of 8.7% during the forecast period. High permeability of soft magnetic materials, increasing demand for high-efficiency electric motors, particularly in the global automotive industry as electric vehicles (EVs), development of new and replacement electric power grid infrastructure are expected to boost the market growth in the coming years.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value for soft magnetic materials. The global soft magnetic materials market is segmented on the basis of material, application, and region. Based on material, the global soft magnetic materials market is categorized into amorphous-nanocrystalline alloys, iron-nickel alloys, iron-phosphorous alloys, iron-silicon alloys, powdered iron cores, soft ferrites, soft iron, others. The iron-silicon alloys segment held the largest share of the global soft magnetic materials market in 2020 and is anticipated to hold its share during the forecast period. On the basis of application, the global soft magnetic materials market has been segmented into consumer electronics, consumer product electric motors, industrial & automotive electric motors, industrial transformers, medical applications, solenoids & actuators, telecommunications, others. Globally, the industrial & automotive electric motors segment made up the largest share of the soft magnetic materials market. In terms of geography, the global soft magnetic materials market has been segmented into North America, Asia Pacific, Europe, Rest of the World (ROW).

The global soft magnetic materials market is highly competitive. The key players in the

soft magnetic materials market include AMES Group Sintering S.A., Anhui Astromagnet Co. Ltd., Daido Steel Co. Ltd., GKN plc (Melrose Industries PLC), Hitachi Metals Ltd., Mate Co. Ltd., SG Technologies Limited, Sintex A/S, Steward Advanced Materials LLC, Sumitomo Metal Mining Co. Ltd., Taiyo Yuden Co. Ltd., TDK Corporation, Toshiba Materials Co. Ltd., VACUUMSCHMELZE GmbH & Co. KG.

### Report Scope

Material: amorphous-nanocrystalline alloys, iron-nickel alloys, iron-phosphorous alloys, iron-silicon alloys, powdered iron cores, soft ferrites, soft iron, others

Application: consumer electronics, consumer product electric motors, industrial & automotive electric motors, industrial transformers, medical applications, solenoids & actuators, telecommunications, others

Region: North America, Asia Pacific, Europe, Rest of the World (ROW)

Years considered: this report covers the period 2017 to 2027

### Key Benefits for Stakeholders

Get a comprehensive picture of the global soft magnetic materials market

Pinpoint growth sectors and trends for investment

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### **PART 1. INTRODUCTION**

Scope of the study  
Study period  
Geographical scope  
Research methodology

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Amorphous-nanocrystalline alloys  
Iron-nickel alloys  
Iron-phosphorous alloys  
Iron-silicon alloys  
Powdered iron cores  
Soft ferrites  
Soft iron  
Others

### **PART 4. MARKET BREAKDOWN BY APPLICATION**

Consumer electronics  
Consumer product electric motors  
Industrial & automotive electric motors  
Industrial transformers  
Medical applications  
Solenoids & actuators  
Telecommunications  
Others

### **PART 5. MARKET BREAKDOWN BY REGION**

North America  
Asia Pacific  
Europe  
Rest of the World (ROW)

## **PART 6. KEY COMPANIES**

AMES Group Sintering, S.A.  
Anhui Astromagnet Co., Ltd.  
Daido Steel Co., Ltd.  
GKN plc (Melrose Industries PLC)  
Hitachi Metals, Ltd.  
Mate Co., Ltd.  
SG Technologies Limited  
Sintex A/S  
Steward Advanced Materials LLC  
Sumitomo Metal Mining Co., Ltd.  
Taiyo Yuden Co., Ltd.  
TDK Corporation  
Toshiba Materials Co., Ltd.  
VACUUMSCHMELZE GmbH & Co. KG.  
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