

Global Soft Magnetic Materials Market Size study & Forecast, by Application (Motors, Transformers, Alternators and Others), by Product (Electrical Steel, Ferrite, Permalloys and Others) and Regional Analysis, 2022-2029

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Abstracts

Global Soft Magnetic Materials Market is valued at approximately USD 20.79 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 4.35% over the forecast period 2022-2029. Soft magnetic materials are often used in automotive electric motors due to benefits including low noise, compact design, and energy savings. Soft magnetic materials are also often used in stators for Stepper motors, brushed and brushless DC motors, switch reluctance motors, claw pole motors, transformers, and alternators are examples of electric motors. . These materials function as electrical insulators and endure lower eddy current losses because of their low coercivity, strong electrical resistance to iron, high permeability, and soft magnetic properties. The Soft Magnetic Materials Market is expanding because of factors such as increasing adoption and demand of electric vehicles and innovations in the development of harvesting renewable energy.

Innovations in the production of renewable energy, expanding investments in the domain of power distribution, and rising interest in electric vehicles are all contributing to the market's expansion. For instance, the European Investment Bank decided to allocate USD 1.64 billion to energy efficiency and renewable energy projects around the world in 2019. Furthermore, increasing financial support to produce electric vehicles is further boosting the market growth. For instance, the American president signed an executive order in August 2021 calling for all new cars to be 50% electric by 2030. As a result, numerous automakers are turning their attention to the creation of EVs. For instance, Bentley Motors declared in October 2021 that all its vehicles would likely be

electric by 2030 and plug-in hybrids by 2026. In addition, rising investments in the power distribution sector and increasing demand for motors in various applications is creating lucrative growth in the market. However, the high cost of soft magnetic materials may halt market growth.

The key regions considered for the Global Soft Magnetic Materials Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to rising demand and adoption of electric vehicles and rising demand from various applications along with the presence of key market players in the region. Whereas Europe is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising automotive industry in the region, rising government support to the industry and rising product innovation and research and development activities in the region.

Major market player included in this report are:

Arnold Magnetic Technologies

GKN Sinter Metals Engineering GmbH

Hitachi Metals Ltd

JFE Steel Corporation

Mahindra CIE Ltd

MATE CO., LTD

Meyer Sintermetall AG

DSB Technologies Steward Advanced Materials LLC

VACUUMSCHMELZE GmbH & Co. KG

Recent Developments in the Market:

In May 2020, For the automobile sector, scientists at the International Advanced Research Centre for Powder Metallurgy & Novel Materials developed a new method for producing soft magnetic alloys based on iron-phosphorus (Fe-P). The wrought FE-P alloy produced by the technique possesses qualities that surpass those of silicon steel and is also expected to be inexpensive.

Global Soft Magnetic Materials Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Product, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Motors

Transformers

Alternators

Others

By Product:

Electrical Steel

Ferrite

Permalloys

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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