



2020 Conference on Electrostatics, Electromagnetic Waves | November 24-25, 2020 | Vancouver, Canada

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Market Analysis

The report on worldwide [electromagnetic](#) similarity (EMC) protecting and test hardware advertise gives subjective and quantitative examination to the time of 2016 to 2024. The report predicts the worldwide [electromagnetic](#) similarity (EMC) protecting and test gear market to develop with a CAGR of 5.5% over the time of 2018 - 2024. The investigation on [electromagnetic](#) similarity (EMC) protecting and test gear advertise covers the examination of the main geologies, for example, North America, Europe, Asia-Pacific, and Row for the time of 2016 to 2024.

The report on [electromagnetic](#) similarity (EMC) protecting and test hardware advertise is a thorough report and introduction of drivers, restrictions, openings, request factors, showcase size, figures, and patterns in the worldwide [electromagnetic](#) similarity (EMC) protecting and test gear showcase over the time of 2016 to 2024. In addition, the report is aggregate introduction of essential and optional research discoveries.

Worldwide attractive materials feature is separated in nature as a result of the nearness of different players. Key players in the attractive materials promote fuse Dexter Magnetic Technologies, Dura Magnetics, Kaiven Magnet Co., Arnold Magnetic Technologies, Molycorp Inc., Hitachi Metals Ltd., Vacuumschmelze GmbH, Lynas Corporation Ltd., Shin-Etsu Chemical Co.

Ltd, Daido Steel Co. Ltd. and All Magnetics Inc. Worldwide attractive materials exhibit demand is required to increment by temperance of rising necessity for downsizing and control age contraptions, for instance, generators in wind and hydro-powered turbines over the guess time allotment. Additionally, the market is most likely going to be driven by the creating vehicle industry which utilizes magnets in an arrangement of parts, for instance, gearbox, sullyng control and alternators. In any case, capricious expenses of unprecedented earth metals, for instance, neodymium, samarium and dysprosium used underway of attractive materials are anticipated to go about as a key constraining component for the attractive materials promote. Addition in application go owing to progress of new advancements is most likely going to open new market streets for attractive materials grandstand all through the accompanying six years.

Magnetic Materials Market: Overview

In 2016, the global market of magnetism and magnetic materials has reached \$32.2 billion. The market has almost touched \$34.9 billion in 2017 and as expectation it should reach \$51.7 billion by 2022, growing at a compound annual growth rate (CAGR) of 8.2% from 2017 to 2022. These are the indication of the global market for magnetism

and magnetic materials, along with their evolving technologies and budding business prospects in the future. As per the report on global forecast to 2026, Soft Magnetic Materials Market by Material type, Application and End user industry is expected to reach \$28.15 billion by 2021, increasing at a CAGR of 7.8% from 2016 to 2021. The cumulative claim for materials that can diminish eddy current loss and propose good permeability is driving the practice of soft magnetic materials in many end-user industries such as automotive, electronics and communications and electrical. And the global hard magnetic materials market is projected to increase from about \$13.4 billion in 2015 to roughly about \$20 billion by 2020, maintaining a CAGR of 8.4% for the time-span of 2015-2020. Now considering the global market for superconductivity technology, it can be estimated that from \$3.4 billion in 2016 it should reach \$5.3 billion by 2021 at a CAGR of 9.4% from 2016 to 2021. Intuition into the chief end-use markets viz. electronics and instrumentation and automotive, global industry analyze forecast till 2023, soft magnets market by its type, regions, competitive industries and applications.

Magnetic Materials Market: Segmentation

On the basis of types, the global magnetic material can be broadly segmented into soft magnetic material and hard or permanent magnet. In 2014, permanent magnet accounted for more than fifty percent of market share of the global magnetic materials market in terms of volume.

On the basis of application, the global magnetic material market has largest applications in automotive, industrial and electronics segment. The automotive segment is projected to have the highest growth rate during the forecast period.

Global Magnetic Material Market: Snapshot

Magnetic materials are usually objects that produces magnetic field. They consist of a wide range of materials that can be used in a number of applications extensively. Magnetic materials are usually put to use for producing and distributing electricity and are therefore an important part of different socio-economic factors at a global level.

One of the major factors for the growth of the magnetic materials is the rise in automotive industry. Adding to that, the rise in demand for electricity. In the past years, wind turbines were upgraded in order to make use of permanent [magnetic](#) generator or PMG systems. PMG systems were a substitute for gearboxes as they could produce electricity of their own. The use of magnetic materials in order to substitute electricity is also expected to fuel the growth of the magnetic material market in the long run. There has been a recent demand for hybrid-electric vehicles or HEVs in the market. This is because HEVs or hybrid cars are both nature and pocket friendly and runs on very less fuel, thus using less of fossil fuels. The price of gasoline has also come down to lower prices. Not only that, these cars are built from lighter materials and they also require magnetic materials. Since HEVs are both cost efficient and environment friendly, there is more demand for these cars, thus, generating more demand for magnetic materials in the market. Thus, the market of these hybrid vehicles is likely to generate more demand for magnetic materials thus accelerating the global market for magnetic materials in the long run. Magnetic materials are used in different types of automobile parts like switches, motors, actuators, and sensors. They are also being used in innovative products in electronic systems, and banking security systems in the form of smart

electronic bank cards, and other antitheft articles. [Magnetic](#) materials are also used in other applications like for pollution control devices, alternators and also in gearboxes.

Magnetic Materials Market: Region-wise Outlook

Asia Pacific garnered the largest share in terms of consumption in the global market for magnetic materials and accounted for 79.0% of the global demand in 2012. The region has been significant in the magnetic materials industry on account of growing demand from manufacturing industries such as automotives and electronics. Europe was the second largest consumer of magnetic materials owing to various factors such as high demand from current and emerging applications, modernization and development of infrastructure. In addition, Asia Pacific is expected to witness the fastest growth over the forecast period on account of rising demand for magnetic materials such as permanent magnets in China, Korea, Japan and other countries due to growth of the wind power industry.

Magnetic Materials Market: Key Players

Arnold Magnetic Technologies
Hitachi Metals Ltd.
Molycorp Inc.
Electron Energy Corporation
Lynas Corporation Ltd.
Tengam Engineering Inc.
A.K. Steel Holding Corporation

Reference Links:

futuremarketinsights.com

Transparencymarketresearch.

