

2018 Top 5 Magnetic Particle Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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Ferrites

Commonly known as Ceramics, have been in production since the 1950's. They are primarily made from Iron Oxide (FeO) and the addition of Sr and Ba through a calcining process. They are the least expensive and most common of all magnet materials. Primary grades are C1, C5 and C8. They are mostly used in motors and sensors.

Magnetic ferrite powder are suitable for producing different grades of hard ferrite magnets by wet pressing or dry pressing production process. According to the needs of clients, we could supply the magnetic ferrite powders in different granularity, The magnetic ferrite powder can be classified as isotropic magnetic ferrite powder and anisotropic magnetic ferrite powder.

Alnico

These are one of the oldest commercially available magnets and have been developed from earlier versions of magnetic steels. Primary composition is Al, Ni and Co, hence the name. Although they have a high remanent induction, they have relatively low magnetic values because of their easy of demagnetization. However, they are resistant to heat and have good mechanical features. Common applications are in measuring instruments and high temperature processes such as holding devices in heat treat furnaces.

AlNiCo magnetic powder is made of AlNiCo magnet and through cracked it into required particle size. The character is temperature coefficient of Br is small. The powder mainly used in raw material of bonded magnet, plastic magnet; all kinds of SmCo fault detection; magnetic printing and other highly temperature sensitivity fields.

Samarium Cobalt

They belong to the rare earth family because of the Sm and Co elements in their composition. Magnetic properties are high and they have very good temperature characteristics. They are also more expensive than the other magnet materials. They come mostly in two grades: SmCo₅ and Sm₂Co₁₇, also known as SmCo 1:5 and 2:17. Common uses are in aerospace, military and medical industries.

SmCo Powder Samarium Cobalt powder SmCo magnetic powder Rare Earth Magnet powder use for producing Polymer bonded SmCo magnets by compressing moulding.

Neodymium(NdFeB)

Also known as Neo, these are the strongest and most controversial magnets. They are in the rare earth family because of the Nd, B, Dy, Gaelements in their composition. A relatively new group of commercial magnets, they are controversial because they are the only magnets that have been patented for both composition and processing. The patent and licensing issues are important and will be discussed later in this guide.

Neodymium magnet powder can be used to the automobile industry, office automation, automotive. DC brush-type motors. multi-pole stepper and spindle motor applications. Magnetic paints, magnetic printable substrates, magnetic films, medical diagnostics and therapeutics, video tape, copy toners, fingerprinting, sensors, fuel injectors, permanent magnets, nano level fluid sealing, electric toys and magnetic curing products, etc.

Since Ferrites Magnetic Particle and Neodymium(NdFeB) Magnetic Particle are the most commonly used magnetic raw materials, this report mainly focuses on these two products.

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Since Ferrites Magnetic Particle and Neodymium(NdFeB) Magnetic Particle are the most commonly used magnetic raw materials, this report mainly focuses on these two products.

Demand is driven by demographics and the health of the economy. The profitability of individual companies depends on their ability to bid accurately, secure contracts, and control costs. Large companies enjoy economies of scale in financing and the ability to offer a broad range of services in many locations. Smaller companies can compete effectively by specializing in particular services or focusing on a certain geography.

China domestic Magnetic Particle industry developed fast, which accounts for almost 89% of total NdFeB Magnetic Particle production and 82% of Ferrites Magnetic Particle production. Though Chinese companies have low price advantage, the quality of domestic products is relatively poor.

Over the next five years, LPI(LP Information) projects that Magnetic Particle will register a 3.2% CAGR in terms of revenue, reach US\$ 1650 million by 2023, from US\$ 1370 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

MQI

Aichi Steel

Zhao Ri Ke

Galaxy Magnets

Yuhong

Huiling

Western Magnet

San Huan

Hoosier Magnetics

Todakogyo

HIMAG

DMEGC Magnetics

Zhejiang Ante

Maanshan CY

BGRIMM Magnetic

Shunde Baling

MGC

Comc Technology

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

2018 Top 5 Magnetic Particle Players in North America, Europe, Asia-Pacific, South America, Middle East and Af...

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Ferrites

Neodymium(NdFeB)

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Auto Industry

Household Appliance Industry

Computer Industry

Electronic Toys

Electroacoustic Product

Military Application

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