

NdFeb-----Most powerful magnet available today

[Home](#) > [Products](#) > [Ndfef Magnet](#)**Ndfef Magnet**

Sintered Ndfef Magnet

Bonded Ndfef magnet

Injection Bonded Ndfef Magnet

General Description

NdFeB Rare Earth Magnets

Rare Earth Magnets are including **Neodymium(Nd) -Iron(Fe)-Boron(B)** types and **Samarium(Sm)- Cobalt(Co)** classes. The most commonly produced material is neodymium-iron-boron (NdFeB). This group of magnetic materials provides the highest available magnetic energies of any material. NdFeB magnets allow small shapes and sizes with high magnetic fields. Energy product range from 26 MGOe to about 45 MGOe.

Super-Strength Rare Earth Magnet----Sintered NdFeB magnets, have the characteristics of :

- *Extreme strong Br Resident induction.
- *Excellent demagnetization resistance capability.
- *Good Price relative to its high magnetic properties.
- *Coating is needed for NdFeB

Surface Treatment Method: Type Information

Metallic Zinc, Nickel, Nickel+Nickel, Copper+Nickel, Nickel+Copper+Nickel,

Gold, Organic Epoxy, Nickel+Epoxy coating

Temporary Surface: Passivation

Both NdFeB and SmCo are available in sintered as well as bonded forms. Sintered NdFeB parts however, will produce the highest magnetic properties. NdFeB is sensitive to heat and should not be used in the environments that exceed 200°C. Bonded NdFeB are generally low in properties due to the special process of gluing the powder in a mold. The bonded form of the material can be produced with close tolerance off tools with little or no finishing required. The sintered form usually some finishing operations in order to hold close mechanical tolerances.



TOP

Ndfeb Magnet Sintered Ndfeb Magnet Bonded Ndfeb magnet Injection Bonded Ndfeb Magnet	Ferrite Magnet Sintered Ferrite Magnet Bonded ferrite magnet Injection Bonded Ferrite Magnet	Alnico Magnet cast alnico sintered alnico bonded alnico Isotropy AlNiCo alloy Anisotropy AlNiCo alloy	SmCo Magnets Sintered SmCo magnet Bonded SmCo magnet Injection bonded SmCo magnet	Machinery magnetizer tesla meter Magnetic Jewelry Magnetic jewelry Magnetic bead Magnetic bracelet
Flexible Magnet Flexible Magnetic Sheeting Flexible Magnetic Extrusions Flexible Magnets for Micro-Motor	Magnetic Compound Extruding fridge stripe Dry pressing ferrite magnet Injection ferrite bonded Injection NdFeB bonded Injection SmCo bonded	Magnetic Assemblies Alnico holding assemblies Ferrite holding assemblies Magnetic Base Permanent Magnet Lifter	Magnetic Powder Ferrite powder Ndfeb Powder Alnico powder Smco powder	Fridge Magnet Flat fridge magnets 2D flat fridge magnets Fridge magnet Application

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