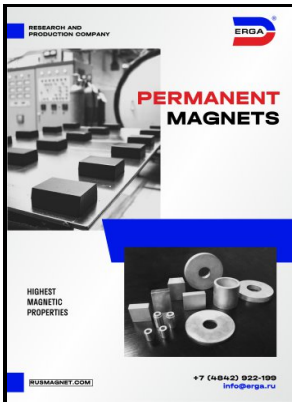


Production of NdFeB permanent magnets

University of Birmingham - Permanent Magnets Manufacturers and Suppliers



Description: -

-production of NdFeB permanent magnets

-production of NdFeB permanent magnets

Notes: Thesis (Ph.D) - University of Birmingham, School of Metallurgy and Materials.

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Tags: #Application #and #production #process #of #NdFeB #Ferrite #magnetic #material

Developments in the processing and properties of NdFeB

Artificial magnets were present in the 18th century, but the process of producing higher magnetic data was slow until the 1920s, when AlNiCo was made. The magnetic ring is oriented in the radial direction, and the radial magnetic properties are uniform, which can make the motor run quietly and the torque output is smooth.

The Production of NdFeB Magnets

Final Machining and Plating: In this step, the magnet gets the final machining and is also coated with Ni-Cu-Ni or or other plating. Another notable application of permanent magnets is its innovative use in high-speed trains — the Maglev or Magnetic Levitation trains.

Application and production process of NdFeB Ferrite magnetic material

Yang, in The Rare Earth Industrial Technologies Elements Economic, and Environmental Implications Elsevier Inc.

Developments in the processing and properties of NdFeB

For more information, check out the impressive on their websiete.

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