

ABSTRACT

Provided is an Fe-Pt based magnetic material sintered compact, comprising BN and SiO₂ as non-magnetic materials, wherein Si and O are present in a region
5 where B or N is present at a cut surface of the sintered compact. An object of the present invention is to provide a high density sputtering target which enables production of a magnetic thin film for heat-assisted magnetic recording media, and also reduces the amount of particles generated during sputtering.

10 Fig. 1