

PERPENDICULAR MAGNETIC RECORDING MEDIUM

ABSTRACT

A perpendicular magnetic recording medium according to this invention includes: a granular layer 2 containing a metal oxide as a non-magnetic material, the granular layer 2 having the magnetic material dispersed in the non-magnetic material; and a cap layer 3 formed on the granular layer 2, the cap layer 3 containing no metal oxide, as layers forming at least a part of a recording layer 1, wherein at least one oxide phase of the granular layer immediately below the cap layer 3 at a boundary portion with the cap layer comprises at least one selected from the group consisting of Zn, W, Mn, Fe and Mo.

Fig. 1