

ABSTRACT

One object of the present invention is to provide a method for easily providing an ECC type magnetic recording medium with low cost, which is easily designed, and the present invention provides a perpendicular magnetic recording medium including at least a soft magnetic backing layer, an under layer, an intermediate layer, and a perpendicular magnetic recording layer on a non-magnetic substrate, wherein the perpendicular magnetic recording layer includes at least one of a main recording layer and an auxiliary recording layer, the main recording layer includes a layer having perpendicular magnetic anisotropy, the auxiliary recording layer is a multilayer including three or more of a soft magnetic layer and a non-magnetic layer which are layered alternately, and the outermost layer to the non-magnetic substrate is the soft magnetic layer.



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