

ABSTRACT

An aspect of the present invention relates to glass for a magnetic recording medium substrate, which includes essential components in the form of SiO_2 , Li_2O , Na_2O , and one or more alkaline earth metal oxides selected from the group consisting of MgO , CaO , SrO , and BaO , wherein a molar ratio of a content of MgO to a combined content of MgO , CaO , SrO , and BaO ($\text{MgO}/(\text{MgO} + \text{CaO} + \text{SrO} + \text{BaO})$) is equal to or greater than 0.80, and which has a Young's modulus of equal to or greater than 80 GPa, and a glass transition temperature of equal to or greater than 620°C.