

GLASS SUBSTRATE FOR INFORMATION RECORDING MEDIUM AND MAGNETIC DISK

ABSTRACT

To provide a glass for an information recording medium substrate, which is excellent in weather resistance.

A glass substrate for an information recording medium, which is made of an alkali aluminosilicate glass, wherein the difference obtained by subtracting the glass transition temperature T_g from the fictive temperature T_f , i.e. $T_f - T_g$, is at most 5°C . The glass substrate for an information recording medium, which comprises, as represented by mol% based on the following oxides, from 64 to 67% of SiO_2 , from 8 to 10% of Al_2O_3 , from 10 to 13% of Li_2O , from 9 to 12% of Na_2O , from 0 to 2% of K_2O and from 2 to 4% of ZrO_2 , provided that the total content of Li_2O , Na_2O and K_2O , i.e. $\text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O}$, is from 21 to 25%.

No Figure