

**GLASS FOR INFORMATION RECORDING MEDIUM SUBSTRATE,
GLASS SUBSTRATE FOR INFORMATION RECORDING MEDIUM AND
MAGNETIC DISK**

ABSTRACT

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

Glass for an information recording medium substrate, which comprises, as
5 represented by mol% based on the following oxides, from 61 to 72% of SiO_2 , from 3 to 12% of Al_2O_3 , from 0 to 14.3 of Li_2O , from 0 to 22% of Na_2O , from 0 to 22% of K_2O , from 4 to 13% of MgO , from 0 to 6% of TiO_2 and from 0 to 5% of ZrO_2 , provided that the total content of Li_2O , Na_2O and K_2O (R_2O) is from 8 to 22%, the ratio of the content of Li_2O to R_2O ($\text{Li}_2\text{O}/\text{R}_2\text{O}$) is at most 0.52, the ratio of the content of Na_2O to R_2O
10 ($\text{Na}_2\text{O}/\text{R}_2\text{O}$) is at least 0.35, or the ratio of the content of K_2O to R_2O ($\text{K}_2\text{O}/\text{R}_2\text{O}$) is at least 0.45.

Fig. 1