

GLASS FOR DATA STORAGE MEDIUM SUBSTRATE, GLASS SUBSTRATE
FOR DATA STORAGE MEDIUM AND MAGNETIC DISK

ABSTRACT

To provide glass for a data storage medium substrate, whereby high heat resistance can be obtained.

Glass for a data storage medium substrate, which
5 comprises, as represented by mol percentage based on the following oxides, from 55 to 70% of SiO_2 , from 2.5 to 9% of Al_2O_3 , from 0 to 10% of MgO , from 0 to 7% of CaO , from 0.5 to 10% of SrO , from 0 to 12.5% of BaO , from 0 to 2.5% of TiO_2 , from 0.5 to 3.7% of ZrO_2 , from 0 to 2.5% of Li_2O ,
10 from 0 to 8% of Na_2O , from 2 to 8% of K_2O and from 0.5 to 5% of La_2O_3 , provided that the total content of Al_2O_3 and ZrO_2 ($\text{Al}_2\text{O}_3 + \text{ZrO}_2$) is at most 12%, and the total content of Li_2O , Na_2O and K_2O (R_2O) is at most 12%.

NO SUITABLE FIGURE