

ABSTRACT

A glass substrate 3 has a surface 3a provided with a sealing region. On the sealing region of the glass substrate 3, a sealing material layer 9 having a thickness of less than 7 μm is formed. The sealing material layer 9 is made of a fired layer of a glass material for sealing which contains a sealing glass and an inorganic filler containing a laser absorbent, wherein the content of the inorganic filler is from 2 to 44 vol%. The surface area of the inorganic filler in the glass material for sealing is within a range of more than 6 m^2/cm^3 and less than 14 m^2/cm^3 . The difference between the thermal expansion coefficient α_1 of the sealing material layer 9 and the thermal expansion coefficient α_2 of the glass substrate 3 is within a range of from 15 to 70 ($\times 10^{-7}/^\circ\text{C}$).