GLASS COMPOSITION FOR GLASS FIBER, GLASS FIBER, GLASS FIBER WOVEN FABRIC, AND GLASS-FIBER-REINFORCED RESIN COMPOSITION

Abstract

Provided is a glass composition for glass fiber that enables glass fiber having excellent water resistance and excellent dielectric characteristics in a high-frequency region to be obtained therefrom and has a lowered 1000 poise temperature. The glass composition for glass fiber includes 50.00 to 61.00% by mass of SiO_2, 16.00 to 27.00% by mass of B_2O_3, 7.00 to 14.00% by mass of Al_2O_3, 0.20 to 4.00% by mass of P_2O_5, 0.50 to 5.00% by mass of TiO_2, 0.10 to 5.00% by mass of CaO, 0 to 4.00% by mass of MgO, and 0 to 2.00% by mass of F_2 and Cl_2 in total, with respect to the total amount of the glass composition for glass fiber.

No Figure