

**GLASS COMPOSITION FOR GLASS FIBERS, GLASS FIBERS, GLASS FIBER
TEXTILE, AND GLASS FIBER-REINFORCED RESIN COMPOSITION**

ABSTRACT

The present invention provides a glass composition for glass fiber with which glass fiber having a low dielectric constant and a low dielectric loss tangent can be obtained, and in addition, a time necessary for a defoam process can be reduced. A glass composition for glass fiber of the present invention includes Nb_2O_5 of 0.0001 to 0.3500 % by mass, and SO_3 of 0.0010 to 0.0100% by mass with respect to a total amount of the glass composition for glass fiber, wherein assuming that a rest of the total amount excluding SO_3 and Nb_2O_5 is 100 parts by mass, the glass composition for glass fiber includes SiO_2 of 48.0 to 60.0 parts by mass, B_2O_3 of 18.4 to 27.0 parts by mass, Al_2O_3 of 10.8 to 17.0 parts by mass, MgO of 0 to 2.5 parts by mass, CaO of 0. to 6.0 parts by mass, SrO of 0 to 4.5 parts by mass, TiO_2 of 0.5 to 3.5 parts by mass, and F_2 and Cl_2 of 0 to 2.5 parts by mass in total, and a ratio $\text{SO}_3/\text{Nb}_2\text{O}_5$ is 0.07 to 13.70.