Abstract

High Rigidity Glass-ceramic Substrate for a Magnetic Information Storage Medium

A high rigidity glass-ceramic substrate for a magnetic information storage medium has a ratio of Young's modulus to specific gravity within a range from 37 to 63 and comprises Al_2O_3 within a range from 10% to less than 20%. A predominant crystal phase of the glass-ceramic substrate consists of one or more crystals selected from the group consisting of β-quartz, β-quartz solid solution, enstatite, enstatite solid solution, forsterite and forsterite solid solution.