

ABSTRACT

The present invention relates to a TiO₂-containing silica glass substrate that: contains 6.7-12 mass% of TiO₂, expressed as a mass percentage on an oxide basis; has a CTE-slope of 1.40 ppb/K/K or less; and, in at least one main surface and at least one end surface, (A) no striae are observed in a stria evaluation in compliance with JOGIS 11-2008, or (B) the striation intensity corresponds to class A under US military specification MIL-G-174 B.

10 No Suitable Figure