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(54) **ZIRCONIA BASED MONOLITHIC REFRACTORY**

(57) It is an object of the present invention to provide a zirconia-based monolithic refractory which is excellent in corrosion resistance and penetration resistance against molten glass, and anti-contamination property for molten glass and which is suitable as a tamping material for a glass furnace, excellent in workability and durability.

The present invention provides a zirconia-based monolithic refractory **characterized in that** it is a mon-

olithic refractory comprising from 70 to 95 mass% of zirconia particles (as calculated as ZrO₂) from 2 to 12 mass% of alumina particles, from 1 to 10 mass% of a binder and from 2 to 8 mass% of a glass content (including a glass phase if such a glass phase is contained in the zirconia particles), and it contains substantially no alumina cement in the monolithic refractory.

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