

POWDER COMPOSITION, CALCINED BODY, SINTERED BODY, AND METHOD FOR PRODUCING SAME

ABSTRACT

5 Provided is a powder composition that includes, as a matrix, a
zirconia having a high content of a stabilizing element and that can
provide, through short-time sintering, a sintered body satisfying
translucency and mechanical strength required for dental prosthetic
materials, in particular, prosthetic anterior teeth. Provided is a powder
10 composition including two or more stabilized zirconias having different
contents of a stabilizing element, in which the powder composition has a
content of the stabilizing element of more than 4.0 mol% and 5.8 mol%
or less, a rate of change in thermal shrinkage rate per unit temperature at
1,300°C is 0.07%°C⁻¹ or less, and the contents of the stabilizing element
15 of the stabilized zirconias are each 8.0 mol% or less.

[No Suitable Figure]