

ZIRCONIA LAYERED BODY

ABSTRACT

There is provided a layered body that has gradations in translucency and color allowing the layered body to give an impression similar to that of natural teeth and with which the chipping of the surface layer (layer closer to the incisal edge of the dental restoration) can be reduced.

The layered body comprises a surface layer containing zirconia containing at least one stabilizing element and a composition-gradient layer composed of two or more unit layers. The unit layers each contain at least one coloring element and zirconia containing at least one stabilizing element, and the composition-gradient layer is constructed as a result of the unit layers being stacked in such a manner that the amount of the stabilizing element in the zirconia containing at least one stabilizing element contained in the composition-gradient layer remains unchanged or decreases from the surface layer toward the surface of the layered body opposite the surface layer. The amount of the stabilizing element in the zirconia containing at least one stabilizing element contained in the surface layer is smaller than the amount of the stabilizing element in the zirconia containing at least one stabilizing element contained in a first composition-gradient layer, which is one of the unit layers constituting the composition-gradient

layer and is adjacent to the surface layer.

[Fig. 1]