

Pressed Ceramic Crown



Ingredients (Porcelain)

Percent

Silicon (si)

Oxygen (o)

SiO₂

50-80%

Al₂O₃

5-15%

Al, K, Na, Ca, Li, Mg, Ba, Ce, Ti, Zr, Sn,
Y, B, F, and Fe

Remainder

Non-silica inclusions

Small parts

Pigments

Opacifiers

Opalescing

Fluorescing

Based on crystalline forms of:

TiO₂, ZrO₂, ZrSiO₄, Zirconium silicate (ZrSiO₄),

Yttrium silicate (Y₂SiO₅)

Ingredients (OPC Pellets)

Components are fused and completely encapsulated in chemically durable, insoluble glass matrix specifically designed and tested to resist wear and corrosion in oral environment.