

Aizir
- Just glaze it -



Aidite

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Aizir Just glaze it

CAD/CAM Zirconia Material



All indications | High stability | Simplified process

Everyone with a healthy and beautiful smile

Product advantage »



Aizir represents Aidite's most advanced R&D and production lever integrating several patented technologies in one disc, meanwhile meeting the full range of indications. It has larger systematic processing, a wider sintering temperature range, and a increased stable three-dimensional gradient effect.

Aizir will uphold the vision of "Everyone with a healthy and beautiful smile" and redefine all-ceramic prosthetic materials.



17 years

Aidite has 17 years of experience in the development and production of zirconia, with stable material performance.

2h

On the basis of realizing rapid sintering, Aizir is compatible with many kinds of Aidite zirconia materials (such as SHT-PC, SHTM) to achieve simultaneous sintering of multiple materials.

1510-1570°C

Aizir has an ultra-wide sintering temperature range, giving a perfect bionic aesthetic effect at different temperatures.

Incisal layer

53%Translucency

Cervical layer

43%Translucency

Flexural Strength

1250 MPa

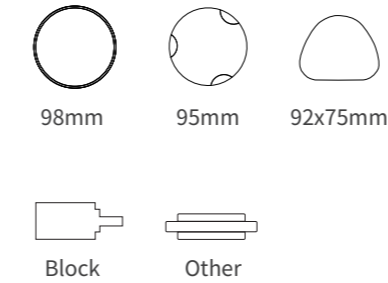


Shade and dimension »

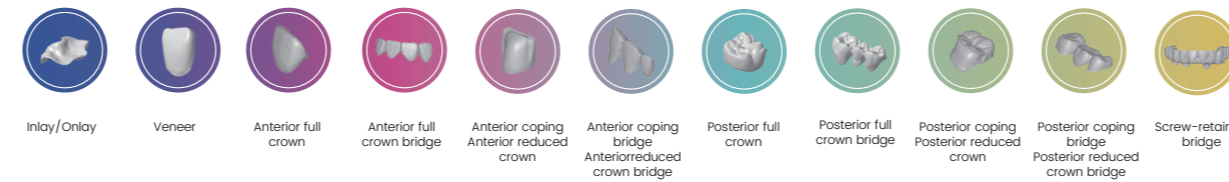


Parameters and application systems »

Color	Vita 16 colors
Aesthetic	Super high translucency
Sintered density	≥6.0g/cm ³
Bending strength	Cervical part 1250MPa
Fracture toughness	5Mpam ^{0.5}
Hardness (Hv10)	1250



Indications »



Note: The above crown and bridge restorations all include implant restorations.

Digital work flow »

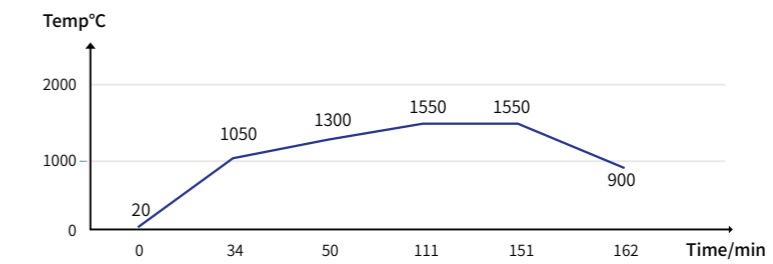
Aizir is one incredible material, which can be used in the above systems, but it is also part of an entire digital workflow. From the intraoral scan to the final restoration, Aidite have validated workflows with equipment and material for the whole process. Can be achieved faster production time and higher quality with Aizir ,take advantages of our service full technical and engineer support, through our dealers and ourselves 7days 24hours never stop worldwide. With Aizir, you are not just purchasing any ordinary zirconia disc, but investing in a part of a wider dedicated system, benefiting the whole dental team and their patients. Dentists will definitely need it once they find out how different it is.



Sintering curve »

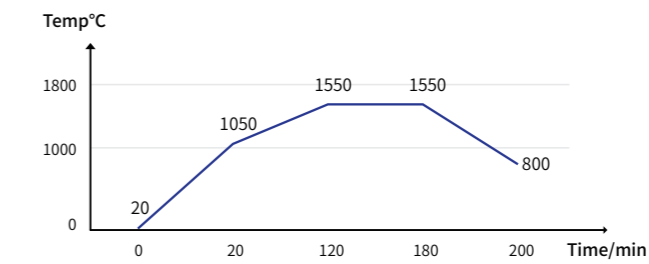
Below 3 units bridge(2.7h)

Start temp	Phase 1 heating rate	Phase 1 Maximum temp	Phase 2 heating rate	Phase 2 Maximum temp	Phase 3 heating rate	Phase 2 Maximum temp	Holding time	Cooling rate	Cooling to
20°C	30°C/min	1050°C	10°C/min	1300°C	5°C/min	1550°C	40min	60°C/min	900°C



Below 6 units bridge (3.4h)

Start temp	Phase 1 heating rate	Phase 1 Maximum temp	Phase 2 heating rate	Phase 2 Maximum temp	Holding time	Cooling rate	Cooling to
20°C	51.5°C/min	1050°C	5°C/min	1550°C	60min	37.5°C/min	800°C



Above 7 units bridge (11.5h)

Start temp	Phase 1 heating rate	Phase 1 Maximum temp	Holding time	Phase 2 heating rate	Phase 2 Maximum temp	Holding time	Cooling rate	Cooling to
20°C	5°C/min	900°C	30min	3°C/min	1530°C	120min	8°C/min	300°C

