

Honorzir<sup>®</sup>  
SHTPM



**Aidite<sup>®</sup>**

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CFDA ISO13485 CE0197 FDAK111291

**Aidite<sup>®</sup>**

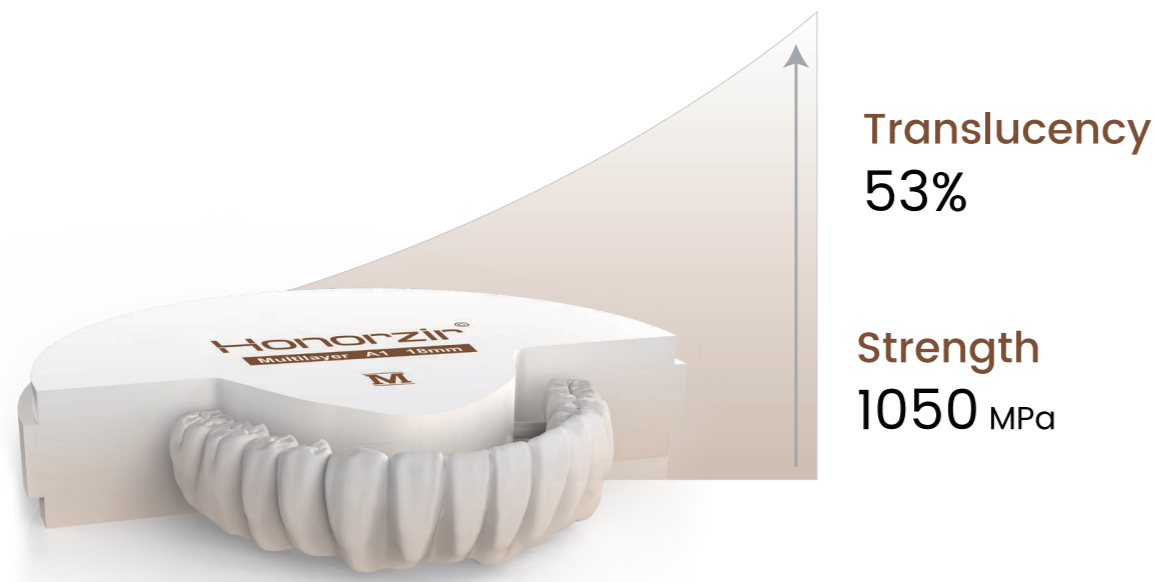
Honorzir Multilayer  
CAD/CAM Zirconia Material



All indications | Perfect strength | Simplify processing

■ Honorzir Multilayer

Make People Healthier and More Beautiful

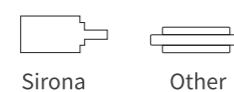


### Shade and dimension >>>

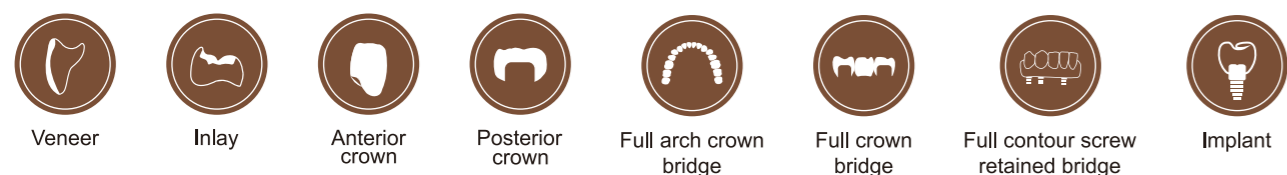


### Parameters and application systems >>>

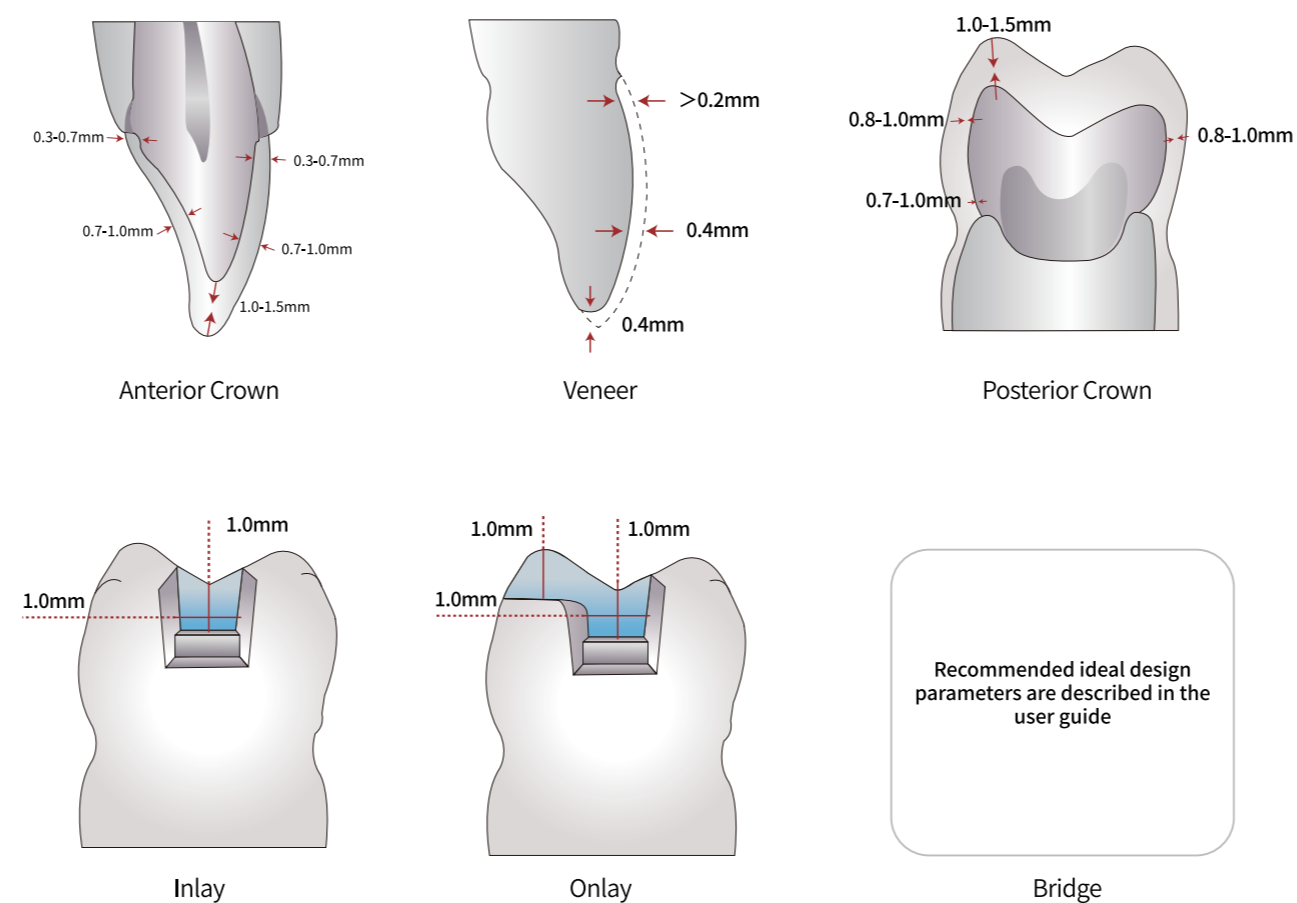
Color	Vita 16 colors/OM1/OM2/OM3
Aesthetic	Super high translucency
Sintered density	≥6.0g/cm <sup>3</sup>
Bending strength	1050MPa
Fracture toughness	5Mpm <sup>0.5</sup>
Hardness (Hv10)	1250



### Indications for use >>>



### Ideal design and preparation guidance >>>



### Digital work flow >>>

Honorzir is one incredible material, which can be used in the above systems, but it is also part of an entire digital workflow. From the initial intraoral scan right through to the final restoration, Aidite have validated workflows with equipment and materials for the whole process. Faster production times, higher quality, full technical and engineering support, through our dealers and ourselves, 24/7 worldwide. With Honorzir, you are not just purchasing any ordinary zirconia disc, but investing in a part of a wider dedicated system, benefitting the whole dental team and their patients. Dentists are requesting a SHTPM restoration, once they see the difference.

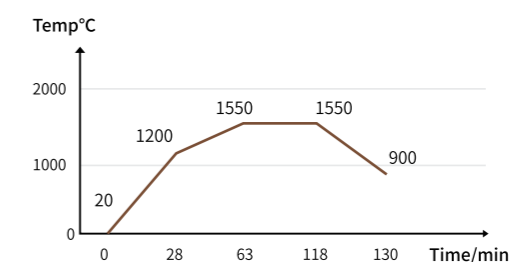


### Sintering curve >>>

#### 2 hours fast sintering cycle

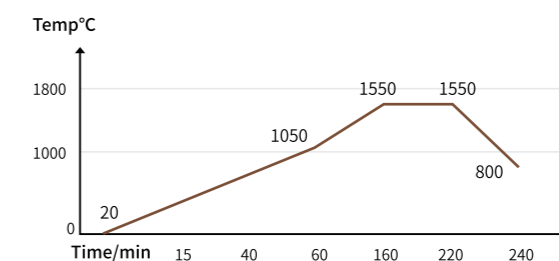
Single unit & Bridge up to 3 units

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	43°C/min	1200°C	10°C/min	1550°C	55min	55°C/min	900°C



#### 4-6 units (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



#### 7 units and above (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

