

Aconia[®] HT+

More Than Stronger



Fracture Toughness

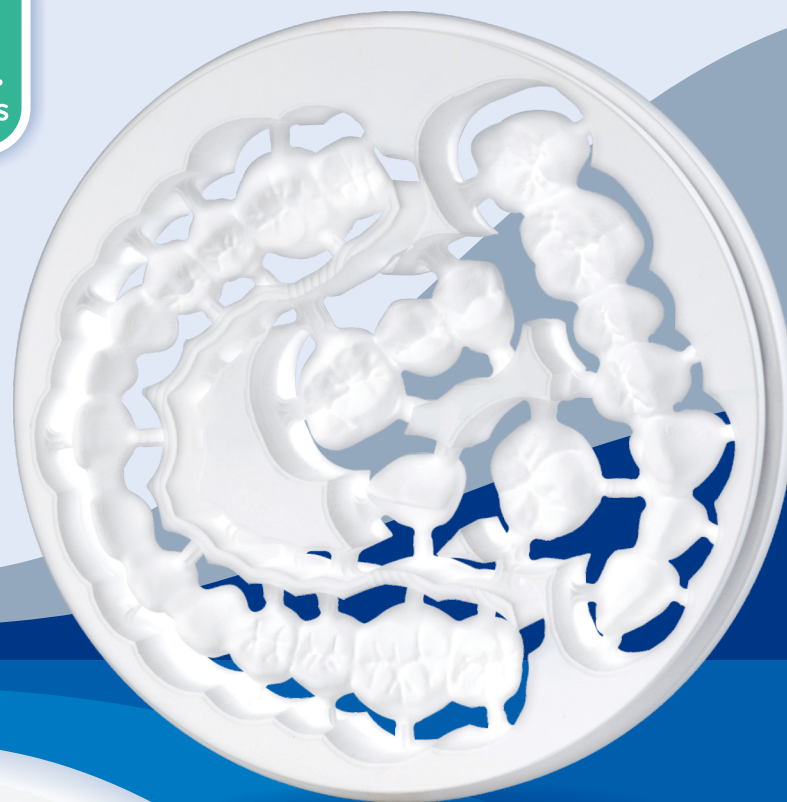
> 9 MPa.m^{1/2}

Translucency

42%

Flexural Strength

1400 MPa

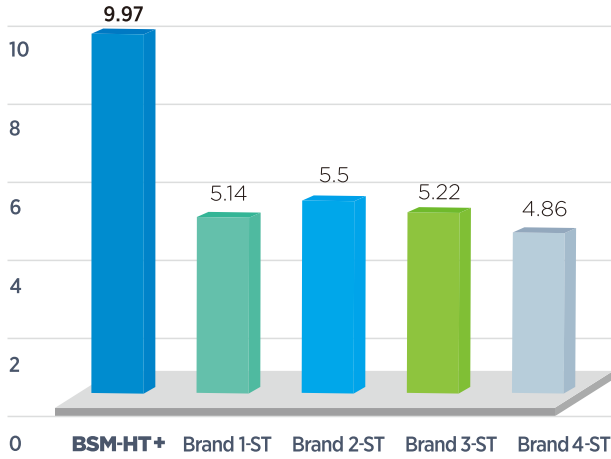


- ✓ Easy processing
- ✓ Lowering zirconia remakes
- ✓ High tolerance on tooth preparation

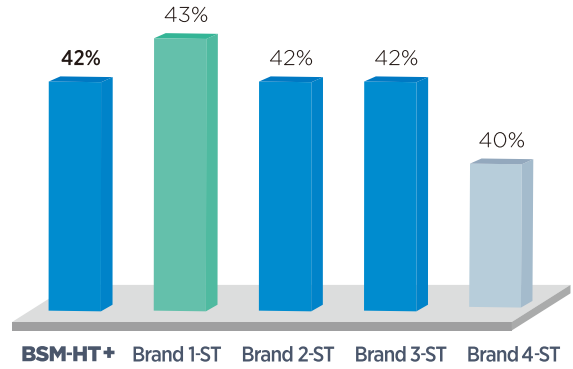
Why HT+?

Comparison results with relevant brands based on 2-year experiment

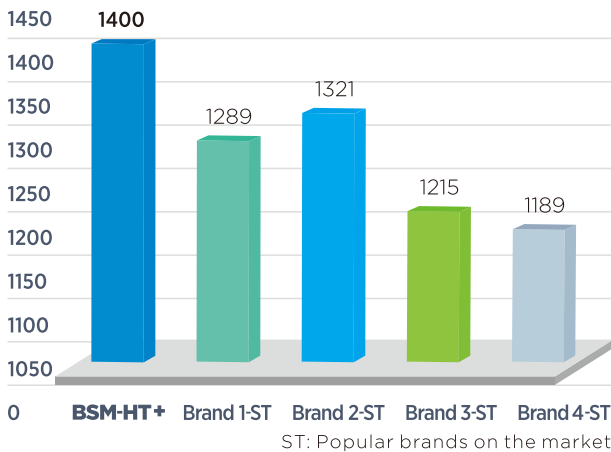
Fracture Toughness Comparison (MPa·m^{1/2})



Translucency Comparison



Flexural Strength Comparison (MPa)



Technical Data

Flexural strength(3-point)	1400±100 (MPa)
Translucency	42%
Vickers-hardness	1300±5% (HV10)
Density	>3 (g/cm ³)
Sintered Density	>6.02 (g/cm ³)
Chemical solubility	<50(μg/cm ³)
Radioactivity	<0.1/Bq.g ⁻¹
Fracture toughness	>9/(MPa.m ^{1/2})
CTE	(10.5±0.5)*10 ⁻⁶ K ⁻¹

Indication

Inlay & Onlay	Full contour crown	Coping	Full contour anterior bridge(3unit)	Full contour posterior bridge(3 unit)	Full contour bridge(≤7unit)	Full contour bridge(≤14unit)	Abutment

