

# SCIENTIFIC INFORMATION

## Glasiosite – Technical Profile

Filler content	77.8% w/w	DIN 51081
Polymerization shrinkage	2.0 Vol.%*	dilatometric
3-Point flexural strength	116 MPa	ISO 4049
Compressive strength	316 MPa	analogous ISO 9917
Adhesion on enamel/dentine with Futurabond NR	27.3 / 24.1 MPa	analogous Reinhardt*
Radiopacity	220 %Al	ISO 4049
Water absorption	20.7 µg/mm <sup>3</sup>	ISO 4049
Colour stability	no discolouration	ISO 4049
Stability under daylight	meets standard	ISO 4049

The stated measurement values do not represent a specified value within the scope of the VOCO GmbH quality assurance system.

\* Reinhardt KJ, *Phillip Journal* 3-4, 1997, 101-104.