

## Admira – Technical Profile

3-Point flexural strength	143 MPa	ISO 4049
Compressive strength	410 MPa	analogous ISO 9917
Flexural modulus	10.700 MPa	ISO 4049
Shear bond strength with Admira Bond (enamel/dentine)	27.6 / 25.5 MPa	analogous Reinhardt*
Shear bond strength with Admira Bond (enamel/dentine, after thermocycling)	25.8 / 27.6 MPa	analogous Reinhardt*
Polymerization shrinkage	1.97 Vol.-%	University of Manchester
Radiopacity	220 %Al	ISO 4049
Colour stability (24 h)	no discolouration	ISO 4049
Stability under daylight	meets standard	ISO 4049
Water absorption	15.9 µg / mm <sup>3</sup>	ISO 4049
Water solubility	< 0.1 µg / mm <sup>3</sup>	ISO 4049
Filler content	78.0 w/w %	DIN 51081

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.