

SCIENTIFIC INFORMATION

Twinky Star – Technical Profile

Filler content	77.8% w/w	DIN 51081
Polymerization shrinkage	2.0%	dilatometric
Transverse strength	116 MPa	ISO 4049
Compressive strength	316 MPa	analogous ISO 9917
Shear bond strength on enamel/dentine (with Futurabond NR)	27.3 / 24.1 MPa	analogous Reinhardt*
Radiopacity	220 %Al	ISO 4049
Water absorption	20.4 µg/mm ³	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.