

SCIENTIFIC INFORMATION

Amaris – Technical Profile

Filler content	80.0 w/w %	DIN 51081
Polymerization shrinkage	2.0%	University of Manchester
3-Point flexural strength	120 MPa	ISO 4049
Water absorption	18.4 $\mu\text{g}/\text{mm}^3$	ISO 4049
Water solubility	<1 $\mu\text{g}/\text{mm}^3$	ISO 4049
Compressive strength	375 MPa	analogous ISO 9917
Surface hardness (Micro-Vickers Hardness)	99 MHV	University of Rostock
Depth of curing (> 500 mW/cm ²)		
Translucent	> 2.5 mm/ 10 s	ISO 4049
Opaque	> 2.0 mm/ 40 s	ISO 4049
Radiopacity	210 %Al	ISO 4049

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