

Product: Freeprint® ortho**Date:** 25.05.2016

Freeprint® ortho is a light-curing resin, (meth)acrylate based, for the generative production of drilling templates, for systems with LED 405 nm.

Property	Test method	Freeprint® ortho
Colour	Standard Light Box	transparent colourless
Viscosity	CP: gap 0,052 mm, cone 35 mm/ 1°; 23 °C, shear rate 80 1/s	1039 mPas
Final hardness	Zwick H04.3150	82–83 Shore D
Flexural strength	DIN EN ISO 20795-2*	73,6 MPa
Flexural Modulus	DIN EN ISO 20795-2*	1700 MPa
Water Sorption	DIN EN ISO 20795-2*	< 32 µg/mm ³
Water Solubility	DIN EN ISO 20795-2*	< 5 µg/mm ³

Tests are carried out at 23 °C / 73 °F room temperature (Otoflash 171, 2 times with 2000 flashes, nitrogen). All given data describe the typical properties/values. They are no specification. The mechanical properties depend on the building parameters, the cleaning, drying and post curing process.

*The measurements were performed based on standards at 23 °C.