

freeprint® IBT 385

freeprint® IBT 385 is a light-curing resin for the generative fabrication of orthodontic transfer trays for positioning brackets, for DLP-systems with LED 385 nm.

Property	Test Method	Units	Value
Appearance	visual		liquid
Color	visual		clear
Viscosity	VA Rheologie 23 °C, cone 35 mm / 1°, gap 0,052 mm, $\dot{\gamma} = 80 \text{ s}^{-1}$	mPas	780
Hardness	VA Shore Härte A	Shore A	92
Tensile strength	DIN EN ISO 527-1	MPa	8
Elongation	DIN EN ISO 527-1		60 %
Tear strength	DIN ISO 34-1	N/mm	35
Water sorption	DIN EN ISO 20795-2	$\mu\text{g}/\text{mm}^3$	< 32
Water solubility	DIN EN ISO 20795-2	$\mu\text{g}/\text{mm}^3$	< 5

All data given are approximate values with production-related tolerances. They only serve as description and do not represent any specifications.

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