

Cubic Ink® Dental 3000 VP Ivory White

Model material for the dental industry with scalable pricing and excellent printability with layers of up to 150 microns

Liquid Properties	Value ¹	Unit
Viscosity @ 25 °C (DIN EN ISO 3219)	710	mPa·s
Density (DIN EN ISO 15212-1)	1.10	g/mL
Critical Energy (E _c) @405 nm / 385 nm	3.9 / 4.7	mJ/cm ²
Depth of Penetration (D _p) @405 nm / 385 nm	0.19 / 0.12	mm
Tensile Properties² (DIN EN ISO 527-5A)		
Ultimate Tensile Strength	51	MPa
Tensile Modulus	2500	MPa
Elongation at Break	7.0	%
Flexural Properties² (DIN EN ISO 178)		
Flexural Strength	83	MPa
Flexural Modulus	2200	MPa
Deflection at Fracture	>10	%
Hardness (DIN EN ISO 7619)		
Shore Hardness	85	D
Thermal Properties (DIN EN ISO 75)		
HDT B	70	°C
Print Appearance/Color		
Standard color is Ivory White. More colors on request.		

Availability and Storage

Batch size starting from 1 kg.

Store at room temperature and protect from light. Stir prior to use.

¹Properties may vary with post-processing – Washing 5 min in IPA and post-curing with 2x 2000 flashes of Otoflash® G171-6 under N₂ atmosphere (10 flashes of xenon lamp per second, 200 W). All material properties can vary with printer, print settings, object orientation, part geometry, post-processing and age of sample. ²5 mm/min.

Cubic Ink®
ALTANA New Technologies GmbH

located at

ACTEGA Terra GmbH
Mielestraße 13
31275 Lehrte
GERMANY

Tel +49 (0)5132 5009-600

cubic.ink@altana.com
www.altana.com

Learn more about Cubic Ink® materials

www.altana.com/cubic-ink
www.altana.de/cubic-ink

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