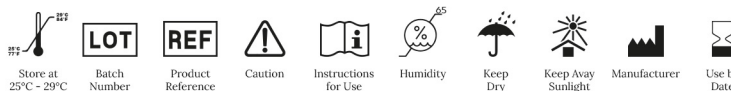


Technical Data Sheet

Rev 04 09 / 2024

TF.01.01

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CRS® Custom Composite Resin

Printer compatibility 385 nm / 405 nm

CHARACTERISTICS

PROPERTY	VALUE	UNIT
Colour	A1,A2,A3,B1,C1,OM1	VITA
Viscosity	2500-3000	mPa.s @ 25 °C
Density	1.0-1.15	g/cm ³

PERFORMANCE FEATURES

Property	Result	Unit	Standard
Flexural strength	144	MPa	ISO 10477
Flexural Modulus	3326	MPa	ISO 10477
Tensile Strength	77	MPa	ISO 10477
Tensile Modulus	3813	MPa	ISO 10477
Bond Strength	23.39	MPa	ISO 10477
Hardness	88	Shore D	ASTM D2240
Cytotoxicity	Not-Toxic	PASS	ISO 10993-5
Irritation	Not-Toxic	PASS	ISO 10993-10
Sensitization	Not-Toxic	PASS	ISO 10993-10
Acute Systemic toxicity	Not-Toxic	PASS	ISO 10993-11
Subacute Systemic toxicity	Not-Toxic	PASS	ISO 10993-11
Implantation	Not-Toxic	PASS	ISO 10993-6

No color change is observed after curing.