

Technical Data Sheet

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CRS® Custom Denture Resin

Printer compatibility 385 nm / 405 nm

CHARACTERISTICS

PROPERTY	VALUE	UNIT
Colour	P1,P2,P3	-
Viscosity	2500-3000	mPa.s @ 25 °C
Density	1.0-1.15	g/cm ³

PERFORMANCE FEATURES

Property	Result	Unit	Standard
Flexural strength	145	MPa	ISO 20795
Flexural Modulus	3547	MPa	ISO 20795
Tensile Strength	28	MPa	ASTM D638
Tensile Modulus	1287	MPa	ASTM D638
Hardness	80	Shore D	ASTM D2240
Cytotoxicity	Not-Toxic	-	ISO 10993-5
Irritation	Not-Toxic	-	ISO 10993-10
Sensitization	Not-Toxic	-	ISO 10993-10
Acute Systemic toxicity	Not-Toxic	-	ISO 10993-11
Subacute Systemic toxicity	Not-Toxic	-	ISO 10993-11
Implantation	Not-Toxic	-	ISO 10993-6
Projenite	Not-Toxic	-	ISO 10993-6
Subchronic Toxicity	Not-Toxic	-	ISO 10993-11
Chronic Toxicity	Not-Toxic	-	ISO 10993-11
Genotoxicity	Not-Toxic	-	ISO 10993-3