TEMP C& B Resin

The special resin material for dentistry is applicable to 3D printing of temporary crown or bridge. This material features High strength, high toughness and ultra-high surface hardness. It is not easy to break even if dropped on the ground. At 25-40℃, it can be cleaned thoroughly by ultrasonic cleaning with alcohol or isopropanol for 5 minutes. It is recommended to print under conditions 25-35° C.



MATERIAL STATUS	
Characteristics	Easy forming Good hardness high toughness
Applications	Temp C&B
Appearance	A1,A2,A3,B1,OM2
Form	Resin
Processing method	(surface exposure molding)LCD (surface exposure molding)DLP

Room 302, Building 3, Guole Science and Technology Park, 1 Lirong Road, Dalang Subdistric, Longhua District, Shenzhen, Guangdong,China
Tel: +86 755 27615363
Email:
info@rayformtech.com
www.rayformtech.com



PHYSICAL PROPERTIES	Testing method	Typical value
Density	ASTM D792	1.05-1.15 g/cm³
Viscosity	ASTM D445	2000±400 mPa•s
Hardness	ASTM D2240	80-86 ShoreD
MECHANICAL PROPERTIES		
Tensile Strength	ASTM D638	70-110 MPa
Elongation at Break	ASTM D638	2-10 %
Flexural Strength	ASTM D790	104.2 MPa
Flexural Modulus	ASTM D790	2000 MPa

*The above parameters are for reference only. The performance of cured materials will be affected by factors such as equipment, environment, parameter settings, post-processing methods, and testing methods, which will cause great differences. Please contact us if necessary

Room 302, Building 3, Guole Science and Technology Park, 1 Lirong Road, Dalang Subdistric, Longhua District, Shenzhen, Guangdong,China
Tel: +86 755 27615363
Email:
info@rayformtech.com
www.rayformtech.com