



Crown & Bridge



OPTIMAL SCANNING

Models have smooth, hard surfaces for optimal scanning.



ACCURATE & PRECISE

Highly accurate detail in printing.



DCBA1

DCBA2

DCBA3

DCBB1

Possessing high strength and toughness, DCB’s balance between inorganic fillers and resin give the material its high strength and wear-resistance. DCB is ideal for crowns and bridges that will be worn long-term and require resistance to abrasion as well as the look and feel of real teeth. High precision and high accuracy enable a professional fit.

Composition: methacrylate, photo-initiator, inhibitor, and pigment

Flexural Properties		Metric
Flexural Strength	ASTM 790	110 MPa
Flexural Modulus	ASTM 790	2300 MPa
Tensile Properties		
Tensile Strength	ASTM D638	100
Elongation at Break	ASTM D638	20%
General Properties		
Hardness	Shore D	83D
Viscosity @ 25°C (cPS)	ASTM 7867	500
Sorption	ISO 20795-2	<32
Solubility	ISO 20795-2	<1.6
Free Monomer Extraction	ISO 20795-2	<2.2%
Biocompatible		
Cytotoxicity	ISO 10993	Complies
Irritation	ISO 10993	Complies
sensitization	ISO 10993	Complies

Indications for Use : The DCB material is indicated for the fabrication of crowns and bridges.

Product Description : DCB is a light-curing resin for the 3D printing of biocompatible dental devices using DLP printers (385-405nm) and LCD printers (385-405nm).

[1kg Bottle]