



Denture Base



High Impact Material with Realistic Color



Body Activated Material with Strong Material Durability



DDBL2

DDBP4

DDBD6

[1kg Bottle]

LuxCreo's DDB is a biocompatible material suitable for the printing of denture bases. Low shrinkage and high resolution allow for a precise-fitting denture. DDB is ideal for removable dentures that will be worn long-term and require resistance to abrasion as well as the look and feel of real performance.

- High Flexural strength
- High tensile and impact strength
- Nontoxic, biocompatible

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

	Flexural Properties	Metric
Flexural Strength	ASTM 790	110 MPa
Flexural Modulus	ASTM 790	2500 MPa
Tensile Properties		
Tensile Strength	ASTM D638	110
Elongation at Break	ASTM D638	20%
General Properties		
Hardness	Shore D	85D
Viscosity @ 25°C (cPS)	ASTM 7867	800
Sorption	ISO 20795-2	28
Solubility	ISO 20795-2	1.6
Free Monomer Extraction	ISO 20795-2	0.1%
Biocompatible		
Cytotoxicity	ISO 10993	Complies
Irritation	ISO 10993	Complies
sensitization	ISO 10993	Complies

Indications for Use : The DDB material is indicated for the fabrication of crown and bridge.

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