



Dental Casting



Metal Casting



E-max Casting for Pressing



[1kg Bottle]

DCR01

DCR02

DCR is an ash-free 3D printed casting resin engineered with dental leading accuracy and low-shrinkage to ensure the successful creation of high-quality castings. Its strong and tough formulation prevents fracturing, while optimized model adhesion allows for smooth removal of the casting from the machine, without residue or risk of breakage.

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

Flexural Properties		Metric
Flexural Strength	ASTM 790	60 MPa
Flexural Modulus	ASTM 790	1800 Mpa
Tensile Properties		
Tensile Strength	ASTM D638	42 Mpa
Elongation at Break	ASTM D638	16%
General Properties		
Hardness	Shore D	85D
Viscosity @ 25°C (cPS)	ASTM 7867	200 Cp

Indications for Use: The DCR material is indicated for the fabrication of dental casting applications, including metal crown casting, metal framework and E-max casting.

Product Description: DCR is a light-curing resin for the 3D printing of casting resins using DLP printers (385-405nm) and LCD printers (385-405nm).