

DM03

Implant Model (Grey)

Dental model DM03 is the ideal choice for printing implant models and separated models for C&B applications. This material has features including high toughness, high pressure resistance, etc. This allows the best experience when using for implant models. The hardness and mechanical properties of cured resin allows DM03 to resist abrasion and tearing force during seating and finishing implant cases, ensuring perfect cases every time. The grey colour allows the perfect performance in model details. DM03 is recommended to place at room temperature $23\pm 2^{\circ}\text{C}$ with humidity $<70\%$



→ Accuracy of printed curing model

Within 10 days $>90\%$

Within 15 days $>85\%$

■ Physical Properties - Liquid Status

Color	Grey
Viscosity @25°C cps	870
Wavelength	405nm

■ Mechanical Properties - Post Cured Parts

Property	Value	Test Method
Hardness Shore D	77	ISO 868
Tensile Modulus MPa	1021	ISO 527
Tensile Strength MPa	27	ISO 527
Elongation at break %	35	ISO 527
Flexural Modulus MPa	1429	ISO 178
Flexural Strength MPa	54	ISO 178
Notch Izod J/m	10.7	ISO 180

Post Processing	Value
Cleaning time with 95% ethanol	Ultrasonic bath: 30 + 60 secs
Recommended curing time	Fabcure 1: 10 mins, Fabcure 2: 7 mins

DM12

Implant Model (Geller Model)

Dental Model DM12 is the ideal choice for printing separated models for crown and bridge application. DM12 optimizes model precision through its lower elasticity and higher flexural modulus compared to the previous DM11. The hardness and mechanical properties of the cured resin allows the DM12 to resist abrasion during seating and finishing for crown and bridge cases, ensuring a perfect fit every time. The yellow color offers maximum detection of margin lines and adjacent contours, and cleanup is easy thanks to the low viscosity of the resin.

→ Low viscosity, high stability



■ Physical Properties - Liquid Status

Color	Yellow
Viscosity @25°C cps	255
Wavelength	405nm

■ Mechanical Properties - Post Cured Parts

Property	Value	Test Method
Hardness Shore D	81	ISO 868
Tensile Modulus MPa	1404	ISO 527
Tensile Strength MPa	29	ISO 527
Elongation at break %	11	ISO 527
Flexural Modulus MPa	1537	ISO 178
Flexural Strength MPa	52	ISO 178

Post Processing	Value
Cleaning time with 95% ethanol	Manual cleaning: 30 + 30 secs
Recommended curing time	Fabcure 1: 10 mins, Fabcure 2: 7 mins