

TR01

Custom Tray

Tray TR01 is a biocompatible material with a high elastic modulus making it an outstanding choice for printing custom trays. The high elastic modulus allows the printed tray to resist flexion under high pressure leading to more accurate impressions. Its biocompatibility makes it safe for short term use in the mouth.

→ Biocompatible, high stability



■ Physical Properties - Liquid Status

Color	White
Viscosity @25°C cps	362
Wavelength	405nm

■ Mechanical Properties - Post Cured Parts

Property	Value	Test Method
Hardness Shore D	87	ISO 868
Tensile Modulus MPa	1981	ISO 527
Tensile Strength MPa	45	ISO 527
Elongation at break %	4.9	ISO 527
Flexural Modulus MPa	2895	ISO 178
Flexural Strength MPa	93	ISO 178

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