

Biocompatible Tray Resin

iF3167

Designed for dentistry specifically

Passed bio-compatibility certification



iF3167 Resin Material Properties Data

project	content	Data value	testing method
Physical and chemical properties (before curing)	colour	green	
	viscosity	380-400cps(25°C)	ASTM D1084
Physical and chemical properties (after curing)	shrinkage	≤1%	
	hardness(D)	75D	ASTM D2240
	bending strength	72 MPa	ASTM D1781
	Elastic Modulus	1700MPa	ASTM D5041
Biocompatibility	Biological test	suitable for	ISO10993-1
	Biological test	suitable for	ISO10993-10

Features:

1. Strong resistance to deformation,
2. Anti-distortion,
3. Biocompatibility

Print parameter recommendation form

Material model	Material Colour	Recommended thickness	Light source wavelength
iF3167	green	0.05mm	405nm

machine	Bottom exposure	Normal layer exposure	Top support diameter	Support diameter
LCD(4K Mono)	60s	7(5~8s)	0.5~0.8mm	0.8~1.2mm
Anycubic mono X	35s	5 (5~8)s	0.5~0.8mm	0.8~1.2mm
DLP	5s	3s(3~5s)	0.5~0.8mm	0.8~1.2mm

Support density	Support angle	post-curing time (30W power)
50%	30%	5min