

Gingiva Mask Resin

iF3161

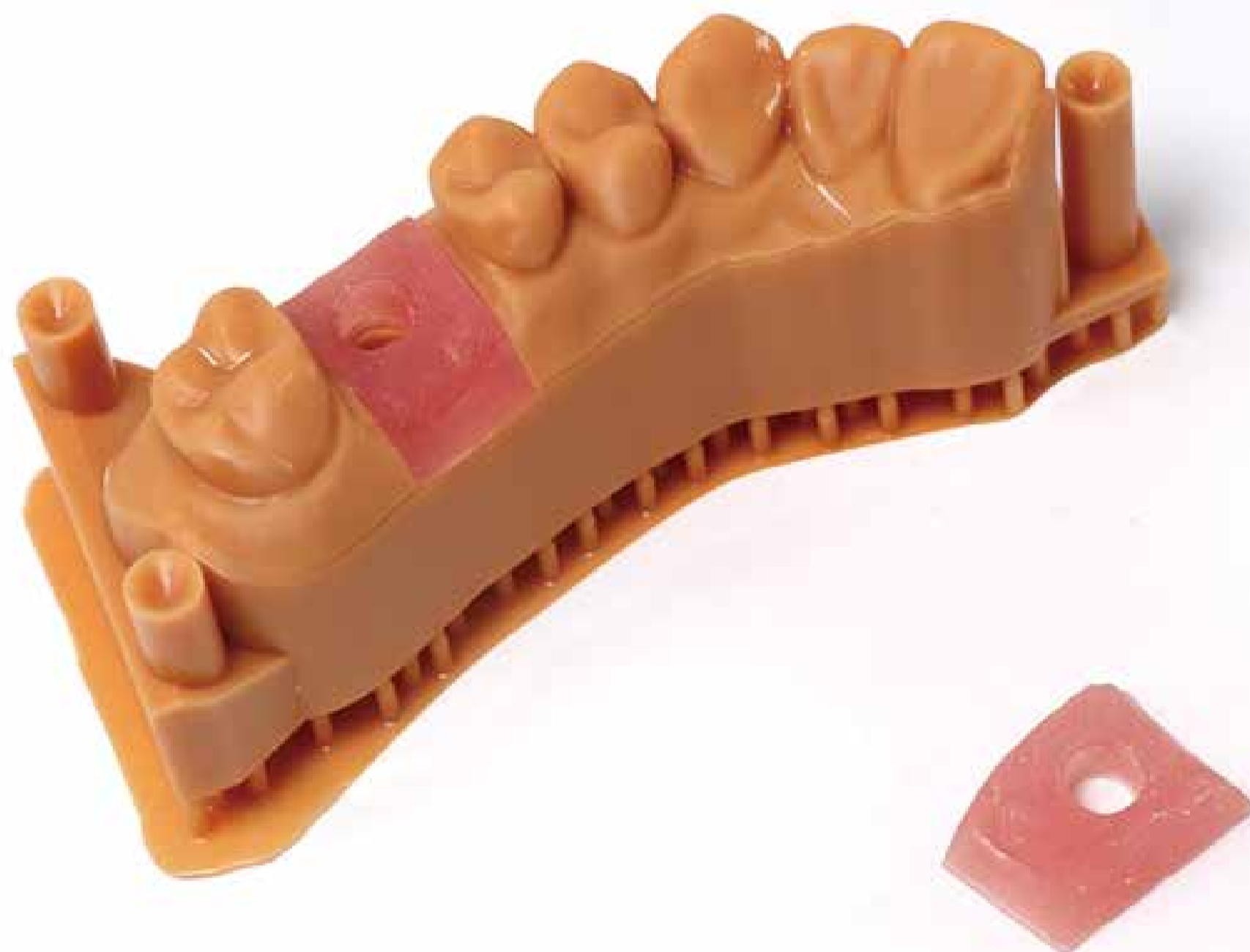
Designed for dentistry specifically

Biocompatible

High precision

Flexible

Natural color



Updated date 2021.09.25



iF3161 Resin Material Properties Data

project	content	Data value	testing method
Physical and chemical properties (before curing)	colour	red	
	viscosity	40-60cps(25°C)	ASTM D1084
	density	1.05~1.1	ASM D1875
Physical and chemical properties (after curing)	Curing depth	600~800μm	
	shrinkage	< 1%	
	hardness(D)	40-60D	ASTM D2240
	Elongation at break	> 3kg	Test strip 1mm

Print parameter recommendation form

Material model	Material Colour	Recommended thickness	Light source wavelength
iF3161	red	0.05mm	405nm

machine	Bottom exposure	Normal layer exposure	Top support diameter	Support diameter
LCD(4K Mono)	60s	3(2~3s)	0.5~0.8mm	0.8~1.2mm
Anycubic mono X	35s	2 (2~3)s	0.5~0.8mm	0.8~1.2mm
DLP	5s	1s(1~1.5s)	0.5~0.8mm	0.8~1.2mm

Support density	Support angle	post-curing time (30W power)
50%	30%	3min