PRODUCT DESCRIPTION

iForm RPU80 High Impactnesss Resistant (Nylon-Like)Resin

YOUSU iForm RPU80 resin offers an excellent balance of hardness and durability which was designed to simulate Nylon plastic.It features low modulus, high elongation, and high impact strength, and is ideal for snap-fit and wear-resistant parts. Tough enough to stand up to the rigors of long-term, real-world use replacing traditionally injection molded components.

ATTRIBUTES		
Resin model	iForm RPU80 High Impactnesss Resistant (Nylon-Like)Resin for LCD	
Grade	iForm RPU80	
Color	black	
Viscosity(25℃)	145-175cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	75-78MPa	ASTM D638
Elongation at break	95-98%	ASTM D638
Notched impact strength	45J/m	ASTM D256
Heat deflection temperature(0.45MPa)	80℃	ASTM D648
Hardness	75D	ASTM D2240
PRINTING IMFORMATION		
	Color Screen	Mono Screen
Normal exposure time	8s	2-3s
Bottom exposure time	60s	20-30s
Bottom layer	6	3
Layer thickness	0.05mm	

POST-PROCESSING STEP

1. Once the dental model is completed, model need to rinse in water and dry normally.

2. Post-curing is required for this resin to reach its high surface hardness and scratch resistance.