

PRODUCT DESCRIPTION

iForm 80A Elastic resin

YOUSU iForm 80A resin fit for Medical devices and anatomical models. It is a type of UV-cured 3D printing resin that mimics the properties of rubber.

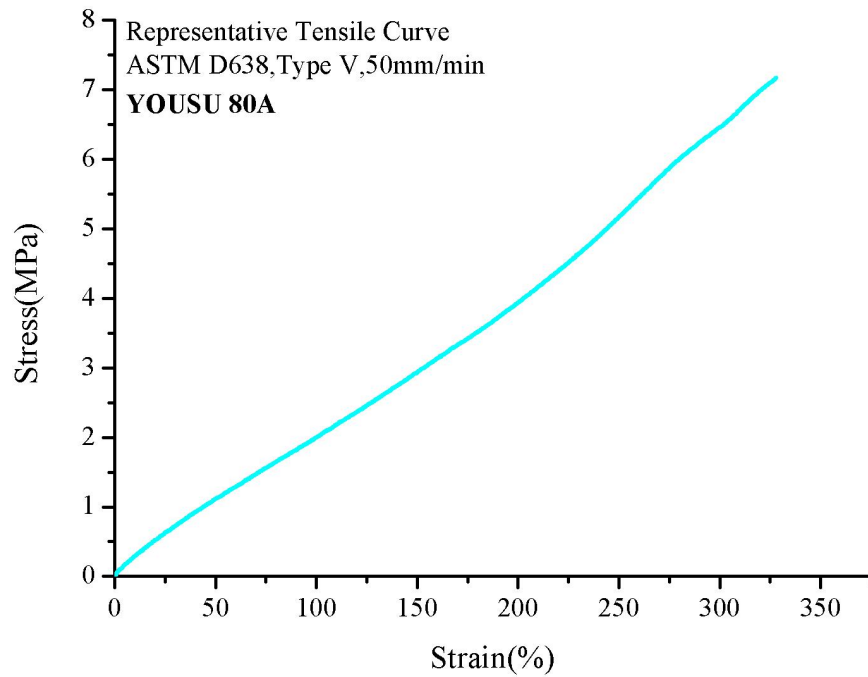
ATTRIBUTES		
Resin model	iForm 80A Elastic resin for LCD	
Grade	IForm 80A	
Color	Black,White	
Viscosity(25℃)	720~780cps	
Density(25℃)	1.03~1.08g/cm ³	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	6.35~7.26MPa	ASTM D638
Elongation at break	293~342%	ASTM D638
Tear strength	9~11KN/m	ASTM D624
Hardness	70~80A	ASTM D2240
PRINTING IMFORMATION		
	RGB Screen	Mono Screen
Normal exposure time	12s~18s	4s~6s
Bottom exposure time	60s~90s	20s~30s
Bottom layer	6	6
Layer thickness	0.05mm	

POST-PROCESSING STEP

1. Once the printing is completed, products need to rinse in alcohol and dry normally.
2. If the model or the underlying resin cannot be removed from the platform, the platform can be soaked in alcohol for a period of time to more easily clean the platform up.

MECHANICAL PROPERTIES

Representative Tensile Curve



YOUSU