

## PRODUCT DESCRIPTION

### iForm 283 High Temperature Resistant Resin

YOUSU iForm 283 is an industrial-grade UV resin able to withstand temperatures over 230 degrees. Suitable for engineering parts that need to resist very high temperatures. Can be used in domestic printers as well as in industrial printers with a bigger printing volume.

ATTRIBUTES		
Resin model	High Temperature Resistant resin for LCD	
Grade	iForm 283	
Color	nature	
Viscosity(25℃)	110-150cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	60-70MPa	ASTM D638
Elongation at break	3-8%	ASTM D638
Notched impact strength	16J/m	ASTM D256
Heat deflection temperature(0.45MPa)	180℃	ASTM D648
Hardness	92D	ASTM D2240
PRINTING INFORMATION		
	Color Screen	Mono Screen
Normal exposure time	8s	1.2-2.2s
Bottom exposure time	60s	8-12s
Bottom layer	6	5
Layer thickness	0.05mm	

## POST-PROCESSING STEP

1. Rinse directly with clean water after printing, remove the support and dry normally.
2. Post-curing is required for this resin to reach its high surface hardness and good surface quality.

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