

## PRODUCT DESCRIPTION

iForm 282 High Transparent resin

YOUSU iForm 282 is a highly transparent industrial-grade UV resin. Can be used to print crystal clear parts that won't turn yellow after curing. It also features impressive toughness and mechanical properties. This resin can be used in domestic printers as well as in industrial printers with a bigger printing volume

ATTRIBUTES		
Resin model	iForm 282 High Transparent for LCD	
Grade	iForm282	
Color	transparent	
Viscosity(25℃)	200-250cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	42-45MPa	ASTM D638
Elongation at break	14-17%	ASTM D638
Notched impact strength	15J/m	ASTM D256
Heat deflection temperature(0.45MPa)	80℃	ASTM D648
Hardness	86D	ASTM D2240
PRINTING INFORMATION		
	Color Screen	Mono Screen
Normal exposure time	8s	1.5-2s
Bottom exposure time	40s	15-20s
Bottom layer	3	3
Layer thickness	0.05mm	

## POST-PROCESSING STEP

1. Once the printing is completed, products need to rinse in isopropyl alcohol and dry normally.
2. Post-curing is required for some products to reach its highest possible strength and stability.

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