

## PRODUCT DESCRIPTION

### iForm 281 UV photosensitive resin

YOUSU iForm 281 is an industrial-grade UV resin designed to have outstanding toughness. It can be used to print heavy-duty models as well as functional production parts. This resin can be used in domestic printers as well as in industrial printers with a bigger printing volume.

ATTRIBUTES		
Resin model	YOUSU iForm 281 photosensitive resin for LCD	
Grade	iForm281	
Color	black white	
Viscosity(25℃)	130-150cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	70 -75 MPa	ASTM D638
Elongation at break	30-40%	ASTM D638
Notched impact strength	17J/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	2.5-3s
Bottom exposure time	60s	25-30s
Bottom layer	6	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.
3. Supports are removed from the products for a clean finish.

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