

PRODUCT DESCRIPTION

iForm 282 Pro UV photosensitive resin

YOUSU iForm 282 Pro is a resin with high transparency and high precision, especially after fine polishing and spraying varnish, it can achieve excellent transparency.

ATTRIBUTES		
Resin model	UV photosensitive resin for LCD	
Grade	iForm282 Pro	
Color	Transparent	
Viscosity(25℃)	105cps~120cps	
Wavelength	385nm~405nm	
MECHANICAL PROPERTIES		
Tensile strength	43Mpa~47Mpa	ASTM D638
Elongation at break	12.5%~14%	ASTM D638
Notched impact strength	25 J/m~30 J/m	ASTM D256
Heat deflection temperature(0.45MPa)	>75 ℃	ASTM D648
Hardness	75D~80D	ASTM D2240
PRINTING INFORMATION		
	Mono Screen	
Normal exposure time	2.2s~3.5s	
Bottom exposure time	8s~12s	
Bottom layer	3 ~6	
Layer thickness	0.05mm	

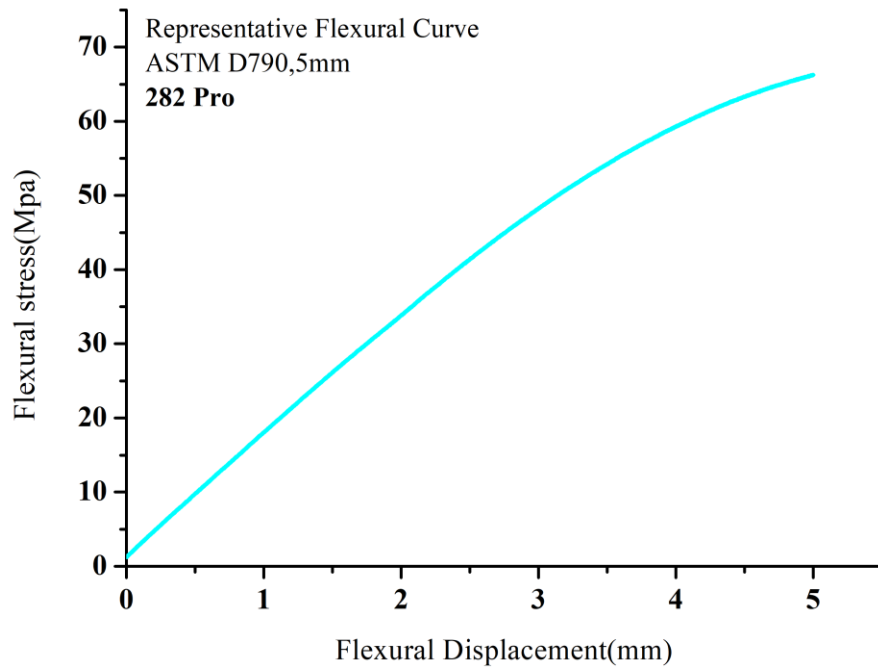
POST-PROCESSING STEP

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.

Any technical information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for your applications. We request that you must test our products before use and accepted at your own risk. Neither Yousu nor its affiliates shall be responsible for the use of this information, or of any product, method or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.

MECHANICAL PROPERTIES

Representative Flexural Curve



YOUSU