

PRODUCT DESCRIPTION

iForm 185 UV photosensitive resin

Yousu UV photosensitive resin is a kind of epoxy acrylate resin with high precision and quick curing, specially designed for LCD 3D printer to achieve better printing quality.

ATTRIBUTES		
Resin model	General purpose resin for LCD	
Grade	iForm185	
Color	Orange, green	
Viscosity(25℃)	135cps	
Wavelength	395nm~405nm	
MECHANICAL PROPERTIES		
Tensile strength	37MPa	ASTM D638
Elongation at break	7.5%	ASTM D638
Notched impact strength	15J/m	ASTM D256
Heat deflection temperature(0.45MPa)	85℃	ASTM D648
Hardness	87D	ASTM D2240
PRINTING INFORMATION		
	Color Screen	Mono Screen
Normal exposure time	7s	2s
Bottom exposure time	60s	20s
Bottom layer	6	3
Layer thickness	0.025mm~0.1mm	

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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