

PRODUCT DESCRIPTION

iForm 285 High precision resin.

With low shrinkage rate, moderate strength, and stiffness, iForm 285 is perfect for printing high-precision models. Smaller shrinkage than common resin and less warping for printed square box.

ATTRIBUTES		
Resin model	High precision resin for LCD/DLP	
Grade	iForm285	
Color	Yellow	
Viscosity(25℃)	80cps~120cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	40Mpa~43MPa	ASTM D638
Elongation at break	7%~9%	ASTM D638
Notched impact strength	16J/m~19 J/m	ASTM D256
Heat deflection temperature(0.45MPa)	>90℃	ASTM D648
Hardness	85D~90D	ASTM D2240
PRINTING IMFORMATION		
	Color Screen	Mono Screen
Normal exposure time	8s	2s~3s
Bottom exposure time	60s	25s~30s
Bottom layer	6	3~6
Layer thickness	0.05mm	

POST-PROCESSING STEP

1. Once the printing is completed, products need to rinse in Resin cleaning liquids and Water.
2. Post-curing is required for some products to reach its highest possible strength and stability.