

PRODUCT DESCRIPTION

iForm 181 Standard Resin

iForm 181 Standard 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	iForm 181 Standard resin for LCD	
Grade	iForm181	
Color	skin, black, grey, white,transparent,yellow, blue,red,green,red wax	
Viscosity(25℃)	130cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	42-45MPa	ASTM D638
Elongation at break	12-17%	ASTM D638
Notched impact strength	17J/m	ASTM D256
Heat deflection temperature(0.45MPa)	85℃	ASTM D648
Hardness	90-95D	ASTM D2240
PRINTING INFORMATION		
	Color Screen	Mono Screen
Normal exposure time	8s	2s
Bottom exposure time	60s	20s
Bottom layer	6	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.

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