



B3D printing UV photosensitive resin
Bilby3D Pty Ltd.

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PRODUCT DESCRIPTION

B3D Water Washable resin

B3D Standard Water Washable LCD resin has low odor, low viscosity and good fluidity. No isopropanol or alcohol required. Uncured resin can be washed away directly with water, making it easier and safer for home printing.

ATTRIBUTES		
Resin model	Water Washable resin for LCD	
Grade	iForm183	
Color	skin, black, grey, white,transparent,yellow, blue,red,green,red wax	
Viscosity(25℃)	110cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	43-45MPa	ASTM D638
Elongation at break	7-10%	ASTM D638
Notched impact strength	16J/m	ASTM D256
Heat deflection temperature(0.45MPa)	65℃	ASTM D648
Hardness	80-85D	ASTM D2240
PRINTING IMFORMATION		
	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. Rinse directly with clean water after printing, remove the support and dry normally.
2. Post-curing is required for this resin to reach its high surface hardness and good surface quality.

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