

PRODUCT DESCRIPTION

iForm 182 Like ABS resin

Yousu ABS like resin is a kind of polyurethane acrylic resin, has high mechanical properties, suitable for printing parts that require both tenacity and rigidity.

Product characteristics: high impact strength, high mechanical strength and tenacity.

Recommended application areas: product appearance, structure and assembly verification.

ATTRIBUTES		
Resin model	Like ABS resin for LCD	
Grade	iForm 182	
Color	Colorful	
Viscosity(25℃)	250cps~350cps	
Wavelength	395nm~405nm	
MECHANICAL PROPERTIES		
Tensile strength	42.6MPa~49.2MPa	ASTM D638
Elongation at break	14.8%~17.6%	ASTM D638
Flexural strength	29MPa~35MPa	ASTM D790
Izod impact strength, notched	31.5J/m~32.4J/m	ASTM D256
Heat deflection temperature(0.45MPa)	70℃~72℃	ASTM D648
Hardness	78D~82D	ASTM D2240
PRINTING IMFORMATION		
Normal exposure time	6s~10s	
Bottom exposure time	40s~60s	
Bottom layer	6~8	
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.

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