



ZS-405-R931

1. Technical Parameters and Performance Index

Liquid performance index	
Test items	Value
Types	LCD light curing resin
Number	ZS-405-R931
color	White /yellow/skin/Transparent
Viscosity (25 °C)	150cps~350cps
Use wavelength	395nm~405nm

Product performance index		
Test items	Detection method	ZS-405-R931
Tensile strength (MPa)	ASTM D638M	38MPa~ 43MPa
Elongation at break (%)	ASTM D638	8%~11%
Impact strength (J/m)	ASTM D256	18J/m~45J/m
Water absorption (%)	ASTM D570	0.41
Hardness (D)	ASTM D2240	73D-81D
Heat distortion temperature (°C)	ASTMD648	57°C~75°C
Only UV post-treatment	0.46MPa	
UV + 100 °C heat treatment 8h	0.46MPa	
Printing parameters		
Conventional exposure time	6s~12s	
Bottom exposure time	60s~100s	
Printable layer thickness	0.05mm~0.1mm	

Post-processing steps:

- Dip the prints in isopropyl alcohol for about 1min, remove them and let them dry naturally;
- Then put the printed part under UV lamp for secondary curing for about 300s; or expose it to the sun for one hour to get a better surface effect.