



# ZS-405-R942 High impact Nylon like resin

## 1. Technical Parameters and Performance Index

Liquid performance index	
Test items	Value
Types	LCD light curing resin
Number	ZS-405-R942
color	Black
Viscosity (25 °C)	250~300 cps
Use wavelength	405nm

Product performance index		
Test items	Detection method	ZS-405-R942
Tensile strength (MPa)	ASTM D638M	32~35 MPa
Elongation at break (%)	ASTM D638	80~120 %
Bending strength		70~75 Mpa
Impact strength (KJ/m <sup>2</sup> )	ASTM D256	68~88 KJ/m <sup>2</sup>
Hardness (D)	ASTM D2240	80~85 D
Density (g/cm <sup>3</sup> at 25 ° C)		1.04~1.07
Heat distortion temperature (°C)	ASTMD648 0.45MPa	70~75°C
Smallest Holes & Posts (mm)		0.2
Maximum overhang(mm)		6
Three-axis linearity error (%)		<0.6
Printing parameters		
Conventional exposure time	2.5 s	
Bottom exposure time	20 s	
Printable layer thickness	0.05 mm	
Main Features	<b>High toughness</b> <b>High impact resistance</b> <b>Easy to clean</b>	

Picture of printing samples:

