

# JS-UV-LY01-R

一款具有高韧性且抗撕裂 A high toughness and tear resistance.  
SLA 光敏树脂材料 SLA photosensitive resin material

## 产品说明 Product description

JS-UV-LY01-R 具有高韧性光固化型 3D 打印材料，打印出来的物件具有高柔韧性、高弹性、软触感等特性，与实际生活中所使用的橡胶性能相类似。可应用于鞋类、橡胶零件等方面的制作，适用于 SLA3D 打印机。

JS-UV-LY01-R is a high toughness light-curable 3D printing material. The printed objects have high flexibility, high elasticity, soft touch and other characteristics, similar to the rubber used in real life. It can be applied to the manufacture of footwear, rubber parts and so on, and is suitable for SLA3D printers.

## 主要优势 Main advantages

低粘度 low viscosity

高柔韧性，高抗撕裂性 High flexibility, high tear resistance

成型精度高 High molding accuracy

### 液态材料的物理性能 Physical properties of liquid materials

外观 Appearance	白色 white
粘度 viscosity	300 cps@30°C

### 固化后材料的机械性能 Mechanical properties of cured materials

测试项目 Test project	测试方法 test method	数值 numerical value
拉伸强度 tensile strength	GB/T 1040.1-2006	13.2 MPa
断裂伸长率 elongation at break	GB/T 1040.1-2006	90 %
撕裂强度 tear strength	GB/T 529-91	28.6 kN/m
硬度 hardness	GB/T 531.1-2008	84 A / 38 D
玻璃化转变温度 Glass transition temperature	DMA, tan $\theta$ peak	24 °C