



### Features 特性

- Fast Curing 固化速度快
- Strong Resilience 韧性强
- Weather Resistance 耐候性
- Automatic Dispensing 自动化点胶

### Applications Area 应用领域

- Consumer Electronics 消费电子
- Communication Equipment 通讯设备
- Power Supply Controller 电源控制系统
- Smart Wearable Product 智能穿戴产品

### Operating Requirements 操作要求

- It is recommended to use materials with a thickness not exceeding 3mm  
建议使用厚度不超过 3mm
- Complete shielding from ultraviolet light is required during storage  
储存过程中需要完全遮蔽紫外光

**UVA2501** 是一种 UV 光固化胶水，用于结构粘接。可以广泛用于金属、PCB、以及塑料等基材的粘接，具有优异的韧性、抗冲击和抗剥离性能以及良好的耐候性能。

**UVA2501** is a UV-curable adhesive used for structural bonding. It can be widely applied to the bonding of substrates such as metal, PCB, and plastic, and possesses excellent toughness, impact resistance, peel resistance and good weather resistance.

Property 特性	Typical Value 典型值	Unit 单位	Test Method 测试方法
<b>Composition</b> 主要成分	Acrylic 丙烯酸树脂	—	—
<b>Color</b> 颜色	透明	—	Visual 目视
<b>Viscosity</b> 粘度	8500	mPa·s	CP52, 25°C Speed 20 rpm
<b>Thixotropic Index</b> 触变指数	3.3	—	—
<b>Density</b> 密度	1.15	g/cm <sup>3</sup>	ASTM D792
<b>Cure Schedule</b> 固化条件	3000	mJ/cm <sup>2</sup>	365nm LED UV
<b>Hardness</b> 硬度 (Shore D)	50	—	ASTM D2240
<b>Elongation</b> 断裂伸长率	250	%	GB/T 528-2009
<b>Tensile Strength</b> 拉伸强度	10	MPa	GB/T 528-2009
<b>Shear Strength</b> 剪切强度 (PC/PC)	9	MPa	GB 7124-2008
<b>Die Shear Strength</b> 粘接强度 (PC/PC)	30	MPa	25°C, Dage tester 3*3mm on PC
<b>Shelf life</b> 储存期	180	Day	避光@25°C
<b>RoHS Compliance</b> 合规性	YES	—	—

All technical information stated in this technical data have been confirmed that all the technical parameters are reliable after harsh testing and evaluation of the products. Before you use our products, please carefully evaluate and decide whether the product meets your requirement and you need to take all the risks and responsibilities to use.

此技术资料里所有陈述的技术信息，全部是基于本公司对自身产品在经过严格的测试评估后，证明各项技术参数指标是值得信赖的前提下编写的。在您使用我们公司产品之前，请充分评估该产品是否符合您的使用需求，您需要承担使用的全部风险和责任。