



**UVA2501**是一种UV光固化胶水，用于结构粘接。UVA2501可以用于金属、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. Moreover, it possesses excellent toughness, impact resistance, peel resistance and good weather resistance.

### Features 特性

- Fast UV Cure 快速光固化
- Strong Resilience 韧性强
- Weather Resistance 耐候性
- Automatic Dispensing 自动化点胶

### Applications 产品应用

- 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 a thickness of less than 3mm  
建议使用厚度小于3mm
- Complete shielding from UV light is required during storage  
储存过程中完全遮蔽紫外光

| Property<br>特性                              | Typical Value<br>典型值 | Unit<br>单位         | Test Method<br>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<br>Speed 20 rpm     |
| <b>Thixotropic Index</b> 触变指数               | 3.0                  | —                  | —                              |
| <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                      |
| <b>Hardness</b> 硬度                          | 50                   | Shore D            | 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>Lap Shear Strength (PC/PC)</b><br>拉伸剪切强度 | 9                    | MPa                | GB 7124-2008                   |
| <b>Die Shear Strength (PC/PC)</b><br>粘接强度   | 30                   | MPa                | 3*3mm <sup>2</sup> PC on<br>PC |
| <b>Shelf life</b> 保存期                       | 6                    | month              | 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.

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