



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.

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

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