



2501-AA 是一种高性能的紫外光和热双重固化胶粘剂，具有低温快速固化、低热膨胀系数、高玻璃化转变温度等特点， 同时具有出色的粘结强度以及优异的耐热和耐湿性能。

2501-AA is a high-performance adhesive with UV and heat dual-curing property. It features rapid curing at low temperatures, low CTE and High Tg. Additionally, it offers excellent bonding strength along with outstanding heat and moisture resistance.

Features 特性

- Fast UV Cure 快速光固化
- Low Temperature Cure 低温热固化
- High Tg and Low CTE 高 Tg 和低 CTE
- Low Shrinkage 低收缩率

Applications 产品应用

- Camera module 摄像头模组
- Active alignment 主动对准

Operating Requirements 操作要求

- Warm up to room temperature before use 使用前回温到室温
- The reheating needs to be placed vertically 回温需要垂直
- Cannot be repeatedly frozen 不能反复冷冻

Property 特性	Typical Value 典型值	Unit 单位	Test Method 测试方法
Composition 主要成分	Epoxy Filled with Silica 氧化硅粉体填充环氧树脂		—
Color 颜色	Translucent white gel 半透明白色凝胶	—	Visual 目视
Viscosity 粘度	45000	mPa·s	ASTM D2196
Density 密度	1.6	g/cm ³	ASTM D1875
Cure Schedule 固化条件	3-10s@400mW/cm ² 50min@85°C	—	365nm LED
Hardness 硬度	93	Shore D	ASTM D2240
Tensile Strength 拉伸强度	36	MPa	—
Die Shear Strength (PC/PC) 粘接强度	30	g/cm ³	3*3mm ² PC on PC
Volumetric Shrinkage 体积收缩率	1.2	%	Internal Standard
CTE 热膨胀系数	40 & 70	ppm/°C	TMA
Tg 玻璃化转变温度	160	°C	DMA
Storage Modulus 储能模量	5000	MPa	DMA
Pot Life 使用期	3	day	25°C
Shelf Life 保存期	6	month	-20°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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