



Features 特性

- Fast UV Cure 快速光固化
- Humidity Cure 湿气固化
- High Tg and Low CTE
高 Tg 和低 CTE
- Low Shrinkage 低收缩率

Applications 产品应用

- Electronic Adhesive 电子设备
- LiDAR 激光雷达
- 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

2502-AA 是一种高性能的紫外光和湿气双重固化胶粘剂，具有快速固化、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。

2502-AA is a high-performance adhesive with UV and humidity dual-curing property. It features rapid curing, low CTE and High Tg. Additionally, it offers excellent bonding strength along with outstanding heat and moisture resistance.

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	Translucent yellow 半透明黄色液体	—	Visual 目视
Viscosity 粘度	12500	mPa·s	25°C
Density 密度	1.05	g/cm ³	ASTM D1875
Cure Schedule 固化条件	2-5s@1000mW/cm ²	—	Internal Standard
	> 72h@50RH%	—	
ShoreD Hardness 硬度	50		ASTM D2240
Tensile Strength 拉伸强度	26.2	MPa	ASTM D638
Elongation at Break 断裂伸长率	109	%	ASTM D638
Volumetric Shrinkage 体积收缩率	4.0	%	Internal Standard
Tg 玻璃化转变温度	100	°C	DMA
CTE 热膨胀系数	92 & 178	ppm/°C	TMA
Storage Modulus 储能模量	320	MPa	DMA
Die Shear Strength (PC/FR4) 粘接强度	13.4	MPa	3*3mm ² PC on FR4
Shelf Life 保存期	6	month	0~10°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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