

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 Area 应用领域

- Electronic adhesive
电子设备
- LiDAR
激光雷达
- Active alignment
主动对齐

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
回温需要垂直放置
- Any moisture should be
immediately wiped off
任何水分应立即擦除
- 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 主要成份	Acrylic 丙烯酸树脂		—
Color 颜色	Yellowish liquid 半透明黄色液体	—	Visual 目视
Viscosity 粘度	12500	mPa·s	25°C
Density 密度	1.05	g/cm³	ASTM D1875
Cure schedule 固化条件	2-5s@1000mw/cm²	—	Internal Standard
	> 72h@50RH%	—	
Hardness 硬度	50	ShoreD	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
CTE1	92	ppm/K	TMA
CTE2	178	ppm/K	TMA
Tensile Modulus 弹性模量	320	MPa	@ 25°C by DMA
Adhesion shear strength (FR4-PC) 粘接强度	13.4	MPa	Internal Standard
Shelf life 储存时间	180	Days	@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.

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。