

低挥发/低出油导热垫片

Thermal Pad Low Oil-bleeding / Low Volatile Series

产品介绍

PRODUCT INTRODUCTION

低出油低挥发系列是采用特殊材料和工艺制成；具有极低的小分子挥发性、良好的导热性、高压缩性、超级柔软和高回弹性；兼具良好的绝缘性，非常适合用于安防监控、投影、车载电子设备、镜头、激光设备等对低分子挥发有限制的场景。

LOVO series is made of special materials and technology; It has very low volatility of small molecules, good thermal conductivity, high compression rate, superior softness and resilience; With good electric insulation, it is very suitable for CCTV, projection, auto-electronics, optical lens, laser equipment and other scenarios with restrictions on low molecular volatilization/oil-bleeding.

产品特点

PRODUCT FEATURE

- 极低挥发、极低的硅氧烷含量
- 低游离硅油含量
- 绝缘性、阻燃性优异
- 高回弹性
- Very low volatile, very low siloxane content
- Low free silicone oil
- Excellent insulation and flame retardancy
- High resilience

典型应用

TYPICAL APPLICATION

- 摄像头、监控
- Camera, surveillance
- 发光二极管
- LED
- 光学仪器
- Optical instrument
- 显示器件
- Display device
- 光通信
- Optical communication

产品参数

PRODUCT PARAMETER

产品型号 Product Name	厚度 Thickness	导热系数 Thermal Conductivity	密度 Density	硬度 Hardness	介电常数 Dielectric Constant	体积电阻率 Volume Resistivity	使用温度 Application Temperature	阻燃等级 Flammability Rating	渗油率 Oil Bleeding	挥发性 Volatility	保质期 Shelf Life
	mm	W/m.K	g/cm ³	Shore 00	@1MHz	Ω·cm	℃	UL-94	%, 压缩 50%, 72h@125℃	1000h@85℃	month
STP 400 LOVO	0.5~8.0	4	3.16	60	5.9	1.5*10 ¹⁴	-40 ~ 200	V-0	<1	无挥发冷凝物	24
STP 600 LOVO	0.5~5.0	6	3.30	65	6.57	1.5*10 ¹³	-40 ~ 150	V-0	<1	无挥发冷凝物	24
STP 700S LOVO	1.0~5.0	7	3.40	40	6	1.0*10 ¹³	-40 ~ 150	V-0	<1	无挥发冷凝物	24
STP 800 LOVO	0.5~5.0	8	3.40	65	5.5	3.5*10 ¹²	-40 ~ 150	V-0	<1	无挥发冷凝物	24