

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
- 光学仪器
- Optical instrument
- 光通信
- Optical communication
- 发光二极管
- LED
- 显示器件
- Display device

产品参数 PRODUCT PARAMETER

产品型号 Models	厚度 Thickness	导热系数 Thermal Conductivity	密度 Specific Gravity	硬度 Hardness	40% 压缩出油率 Oil Leakage Rate	总质量损失 (%TML)* Total Mass Loss	锥形瓶挥发 Dewing	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	保质期 Shelf Life
	mm	W/m.K	g/cm ³	shoreoo	%	125. C/72h	120℃, 72h	@1MHz	Ω • cm	℃	UL-94	month
STP 200 LOVO	0.5-8	2	2.44	50	<1%	<0.5%	无挥发	3.6	10 ¹³	-40~150	V0	12
STP 300 LOVO	0.5-8	3	3.02	55	<1%	<0.5%	无挥发	5.2	10 ¹³	-40~150	V0	12
STP 400 LOVO	0.5-8	4	3.1	60	<1%	<0.5%	无挥发	5.5	10 ¹³	-40~150	V0	12
STP 500 LOVO	0.5-8	5	3.2	55	<1%	<0.5%	无挥发	5.5	10 ¹⁴	-40~150	V0	12
STP 600 LOVO	0.5-5	6	3.4	60	<1%	<0.5%	无挥发	6.3	10 ¹³	-40~150	V0	12
STP 800 LOVO	0.5-5	8	3.4	65	<1%	<0.5%	无挥发	4	10 ¹²	-40~150	V0	12