

# RH-GPAM200H

## 导热吸波材料

Heat conduction absorbing material

### Features and Benefits

#### 特点与优势

- ✦ High thermal conductivity: 2W/m-K  
导热系数: 2W/M-K
- ✦ Good electrical insulation performance  
良好的电气绝缘性能
- ✦ Good flexibility and high compression ratio  
柔韧性好、压缩率高
- ✦ Easy to cut and use  
易裁切、易使用性



RH-GPAM200H On the basis of electromagnetic wave suppression and absorption, the thermal conductive absorbing material changes the hardness of the product itself, increases the heat conduction function, and can effectively export the heat energy. At the same time, it has the performance of electromagnetic shielding and electromagnetic clutter absorption, which provides a good solution for electronic communication products in heat conduction, transmission interference absorption, heat conduction and electromagnetic shielding.

RH-GPAM200H 导热吸波材料在电磁波抑制、吸波的基础上,改变了产品本身的硬度,增加了导热功能,能有效将热能导出。同时具有电磁屏蔽及电磁杂波吸收性能,为电子通信产品在导热切断传输干扰、吸收辐射干扰,传导热能和电磁屏蔽提供良好的解决方案。

The above suggestions and data are based on information that we believe to be reliable. Therefore, these suggestions and data are only for reference, not as product guarantee. It is up to the customer to decide whether the product is suitable or suitable for special use. We recommend that users first determine the suitability of our materials and recommendations before using them in large quantities.

以上建议及数据均来自我们认为可靠的资料。因此这些建议及数据仅供参考,而不作为产品保证。应由客户决定产品是否合适或适用特殊用途。我们建议用户在大量使用前,首先确定我们的材料适用性和建议。

### RH-GPAM200H

Property	Parameter	Unit	Test Method
Color 颜色	灰黑色 Dark gray	--	Visual
Thermal Conductivity 导热系数	2.0	W/m.k	ASTM D5470
Volume Resistivity 体积电阻率	10 <sup>12</sup>	ohm-cm	ASTM D257
Dielectric Brekdown Voltage 击穿电压	>10	KV	ASTM D149
Permeability μ'透磁率	12	μ'	100M
Hardness 硬度	56	Shore 00	ASTM D2240
Thickness 厚度	0.5-3.0	mm	ASTM D374
Density 密度	4.5	g/cc	ASTM D792
Working Temperature 工作温度	-45~160	°C	--
Fire Rating 防火等级	V-0	--	UL94
RoHS/REACH	Compliance	--	--

使用 ASTM D5470 测试夹具,记录值包括界面热阻,数值仅供参考。实际应用性能到所施加的表面粗糙度、平整度和压力。注:厚度公差:±10%,硬度公差:±5°,颜色/厚度/硬度均可按顾客需求调试。

### Applications

#### 典型应用

- ✦ FPC、IC、CPU、MOS、LED
- ✦ Notebook computer, heating components, Road Post, computer, TV, etc  
笔记本电脑、发热元器件、路邮器、电脑、电视等
- ✦ Optical communication, amplifier system, etc  
光通讯, 功放系统等

### Configurations Available

#### 产品规格

- ✦ Product specification: 210 \* 295mm  
产品规格: 210\*295mm
- ✦ Die cutting specifications: punching according to customer requirements, glue cutting  
模切规格: 可按客户要求冲型, 背胶裁切好

Storage & Transportation: store in a ventilated, cool and dry place, do not contact with open fire. This product is non-toxic and is stored and transported as non dangerous goods.

储存&运输: 贮存于通风、阴凉、干燥处, 不要接触明火。本产品无毒, 按非危险品贮存及运输。

Packaging: customized packaging according to customer needs.

包装: 根据客户需求定制包装。

Safety: please refer to material safety performance data (MSDS) of our company

安全: 请参阅本公司《材料安全性能数据 (MSDS)》

Period of validity: the product is valid for 12 months

有效期: 本产品有效期为 12 个月