

TTF Series_ High Thermal Conductivity + EMI Absorber(高導熱係數 EMI 吸波材)

Introduction

TTF Series is an absorber/thermal management material that is used for EMI mitigation. Product is dual functional properties of thermal conductivity and EMI reduction.

TTF Series is flexible and also has excellent thermal conductivity as well as self-tacky. This innovative product is eco-friendly material regulatory requirements such as RoHS.

Features

- Tens of micrometer-sized magnetic particles dispersed in polymer products made by EMI Absorber
- Applicable frequency band: 10MHz ~ 18GHz
- Electronic equipment inside the EMI noise and harmonic attenuation

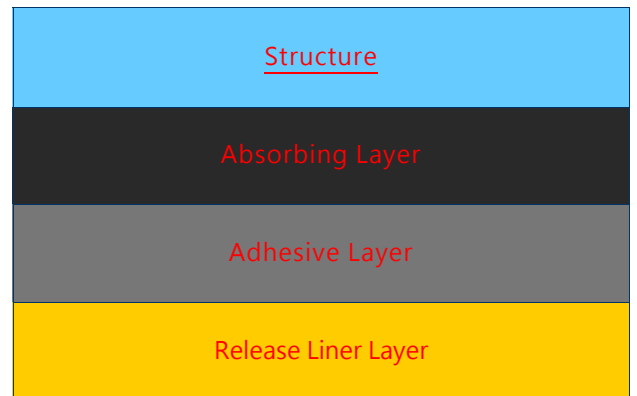
產品介紹

TTF 吸波材系列是用於 EMI 減輕的吸收器/熱管理材料。產品具有熱導率和 EMI 降低的雙重功能特性。

TTF 吸波材系列是靈活的，也具有優良的導熱性和自粘性。這種創新產品是環保材料監管要求，如 RoHS。

產品特性

- 數十微米大小的磁性粒子分散在高分子產品內所製成的電磁波吸收波材
- 適用頻段：10MHz ~ 18GHz 功率
- 電子設備內部的 EMI 噪聲何共振磁波衰減



Part Number / Test Method	TTFA	TTFB	TTFC	Test Method
Color [顏色]	Dark Gray	Dark Gray	Dark Gray	Visual
Thickness (mm) [厚度]	0.5~3.0	0.5~3.0	0.5~3.0	ASTM D374
Hardness [Shore 00] [硬度]	40	45	55	ASTM D2240
Density (g/cm ³) [密度]	4.4	3.9	3.6	ASTM D792
Surface Resistance(Ω) [表面電阻值]	Min. 1x10 ¹²	Min. 1x10 ¹²	Min. 1x10 ¹²	ASTM D257
Thermal Conductive (W/m.K) [導熱係數]	2	3	4	ASTM D5470
Service Temperature (°C) [工作溫度]	-30~150	-30~150	-30~150	——
Standard Size (mm) [標準尺寸]	400 x 400mm	400 x 400mm	400 x 400mm	——
Flammability [耐燃等級]	UL94 -V0	UL94 -V0	UL94 -V0	UL Lab.

* The above data is actual test value, not absolute value. * 以上數據是實際測試值，不是絕對值。

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