

KB

建滔積層板有限公司 KINGBOARD LAMINATES LTD

香港新界沙田火炭坳背灣街 2-12 號威力工業中心五字樓K座
5/F., Block K, Valiant Industrial Centre, 2-12 Au Poi Wan St., Fo Tan, Shatin, NT, Hong Kong.
TEL : (852) 2605 6493 FAX : (852) 2691 5245 / 2691 0445

TECHNICAL INFORMATION 技術資料

KB-5150

KB-5150 是一種複合基的覆銅板，兼顧了紙基板的良好加工性和玻璃布基板的機械和介電性能，適用於高頻及要求沖孔加工的線路板上。

KB-5150 is composite epoxy, glass / paper based copper clad laminate which has good punchability of paper based board and excellent mechanical / electrical performance of glass fabric based board. KB-5150 is suitable for high frequency and punching-required printed circuit board.

Type 型號	Grade 級別	Construction 組成
KB-5150	ANSI (NEMA) CEM-1	紙、玻璃布、環氧樹脂、銅箔 Paper, Glass fabric, Epoxy resin, Copper foil

Features 特點

- 良好的耐熱沖擊性能
Excellent heat resistance
在 288°C 下，可承受 20 秒的熱沖擊
Reliable under 288°C for 20 sec
- 良好的沖壓加工性
Excellent performance in punching
- 良好的耐濕性、耐漏電痕跡性和耐金屬離子遷移性
Excellent heat and moisture resistance, CTI value and resistance of ion-migration

Standard Configuration 標準數據

- Thickness 厚度 : 0.8 mm - 1.6 mm
- Copper Cladding 銅箔厚度 : 18 μ m, 35 μ m, 70 μ m
- Regular Size (mm) 常規尺寸 : 1020 X 1020, 1020 X 1220, 1067 X 1220
- Other Size 其他尺寸 : As specified by customers



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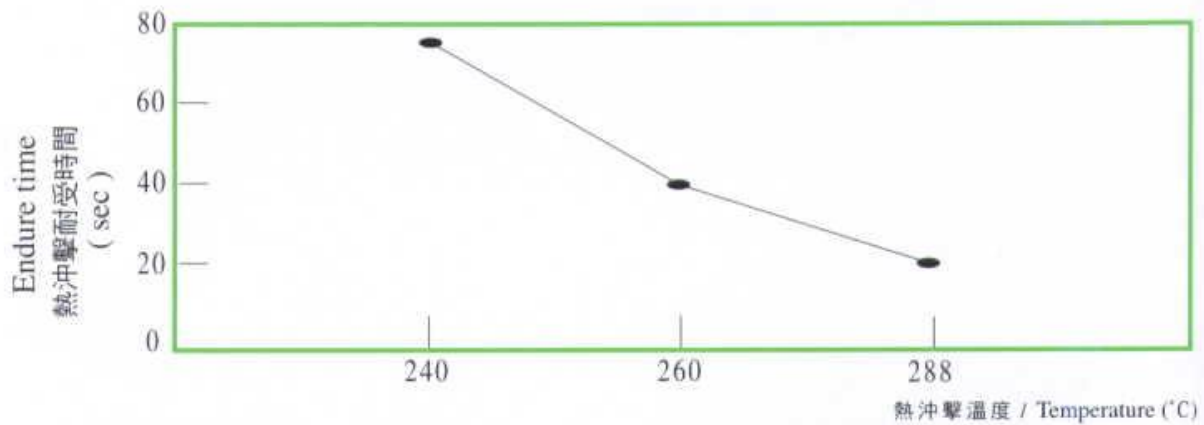
TECHNICAL INFORMATION 技術資料

KB-5150

Performance 表現

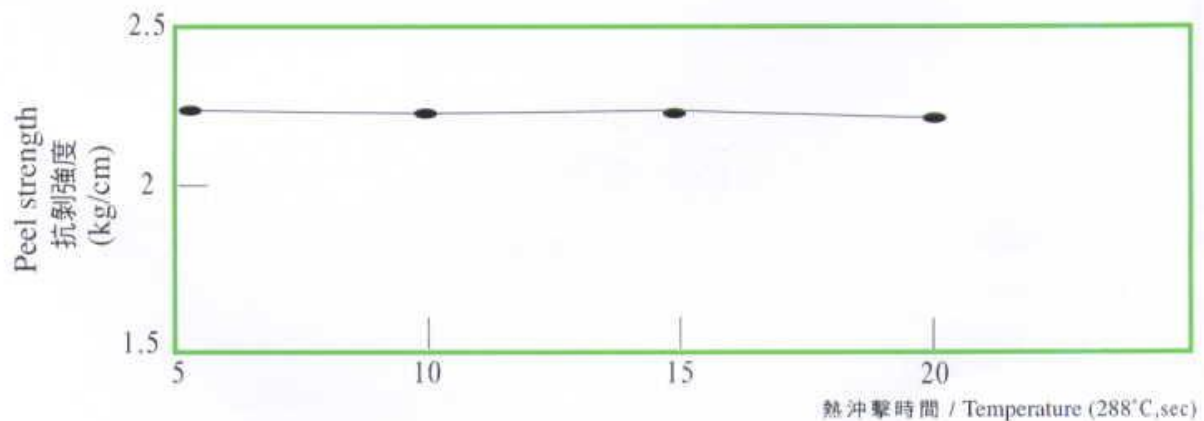
Thermal stress

耐熱沖擊性



熱沖擊後剝離強度

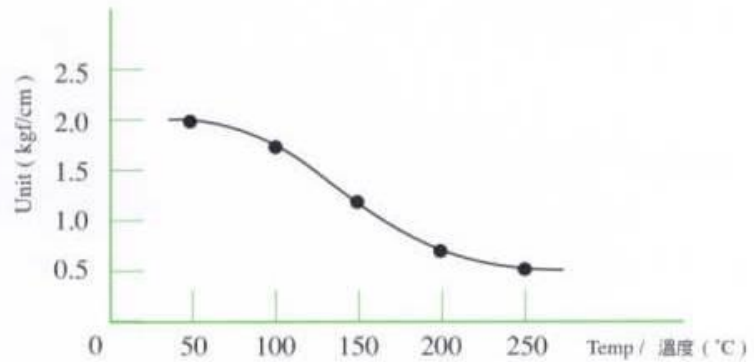
Peel strength after heated



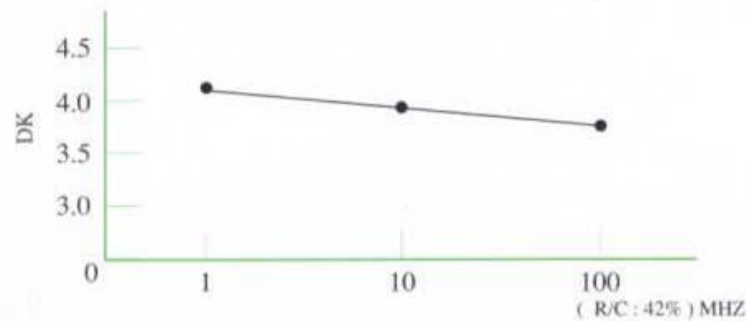
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KB-5150

Peel strength at elevated temp
銅箔剝離強度
(Cu.foil 1 oz.)



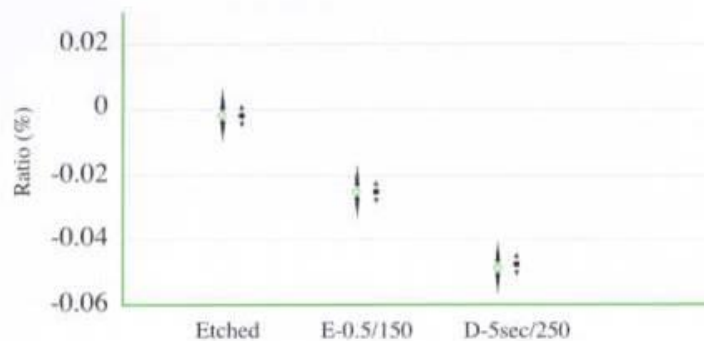
Permittivity
介電常數



Dimensional stability
尺寸穩定性

PCB process
(size 360X310mm span 310X254mm)

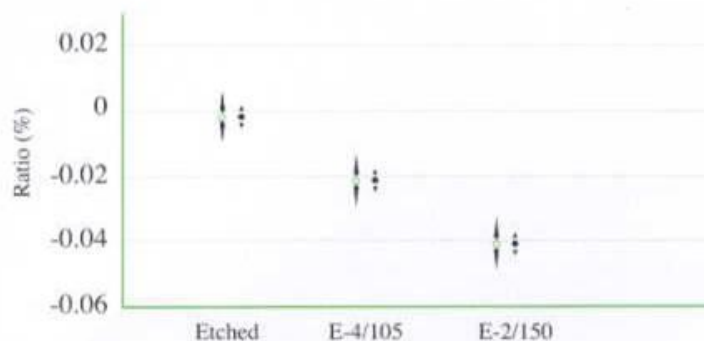
○ crosswise 橫向 ● lengthwise 縱向



Dimensional stability
尺寸穩定性

TEST METHOD (IPC-TM-650 2.4.39)

○ crosswise 橫向 ● lengthwise 縱向



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