

KB-3150 Unclad (ANSI : FR-1/JIS:PP7F)

阻燃電木板

特點

- 優異的柔韌性
- 彎曲度、扭曲度小且穩定
- 適合之沖孔溫度為室溫~70°C
- 良好的耐濕、熱性能

Features

- Excellent flexibility
- Warp and twist are small and stable
- Suitable for punching at Room Temperature~70°C
- Excellent heat and humidity resistance

General Properties 一般特性

Test Item 測試項目	Unit 單位	Condition 處理條件	Testing Method 測試方法	Specification 規格值	Typical Value 典型值
Heat Resistance 耐熱性	—	130°C 30min	JIS C 6481	No Change 無異常	No Change 無異常
Flexural Strength 屈曲強度	Lengthwise 縱向	A	JIS C 6481	≥8	15-17
	Crosswise 橫向				14-15
Volume Resistivity 體積電阻率	Ω-cm	C-96/20/65 C-96/20/65+C-96/40/90	JIS C 6481	5×10 ⁹ 5×10 ⁸	1×10 ¹² ~10 ¹³ 1×10 ¹⁰ ~10 ¹¹
Surface Resistance 表面電阻	Ω	C-96/20/65 C-96/20/65+C-96/40/90	JIS C 6481	1×10 ¹⁰ 1×10 ⁹	1×10 ¹¹ ~10 ¹³ 1×10 ¹⁰ ~10 ¹²
Insulation Resistance 絕緣電阻	Ω	C-96/20/65 C-96/20/65+D-2/100	JIS C 6481	1×10 ⁹ 1×10 ⁶	1×10 ¹¹ ~10 ¹² 1×10 ⁹ ~10 ¹⁰
Chemical Resistance 耐化學性	—	3% NaOH 40°C 3min 3%氫氧化鈉 40°C 3分鐘	JIS C 6481	No change 無異常	No change 無異常
Water Absorption 吸水性	%	E-24/50+D-24/23	JIS C 6481	≤2	0.8~1.1
Flammability 阻燃性	Sec	A	UL94	94V-0	94V-0
Punching Temperature 沖孔溫度	°C	A	KB-QA-007	50-70	Room Temp~70 室溫~70

Remarks : Typical values for reference only

注：典型值只作參考

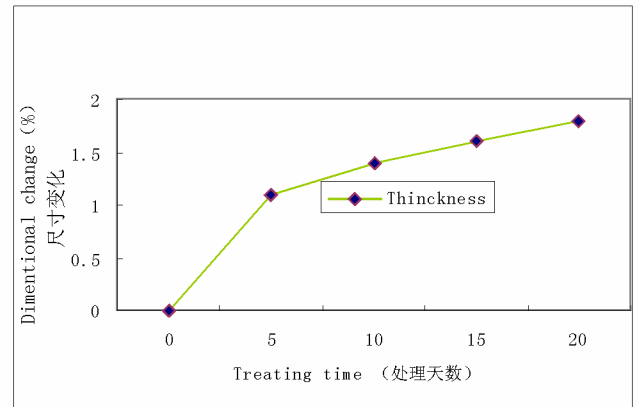
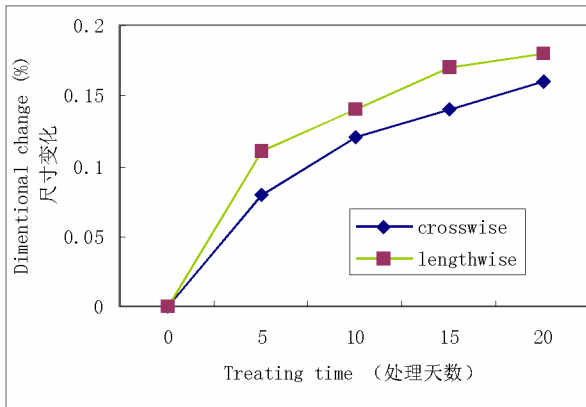
Stand values according to JIS-C-6485

規格值參照 JIS-C-6485

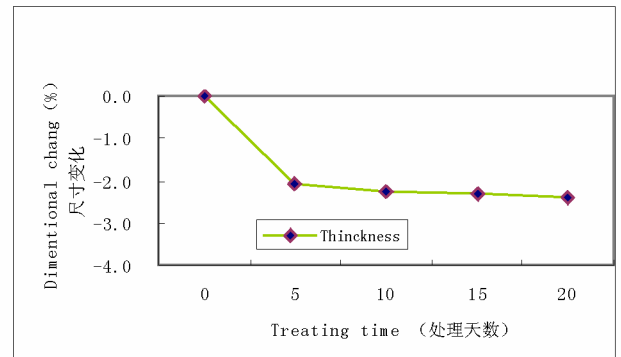
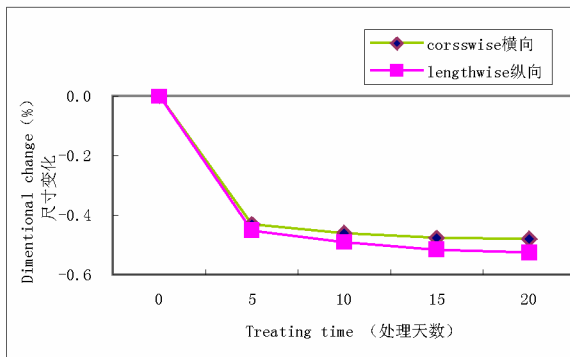
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Dimensional change after humidity treatment 濕度處理後板材尺寸變化率
 (Treating condition 處理條件: 40°C, 90%RH, 480hr)



Dimensional change after heat treatment 加熱處理後板材尺寸變化率
 (Treating condition 處理條件: 100°C, 480hr)



Purchasing Information / 採購資訊

Type 類型	Thickness 厚度	Copper Cladding 銅箔厚度	Regular Size (mm) 常規尺寸	CTI Value CTI 值
KB-3150 阻燃紙基電木板	0.4mm ~ 1.6mm	Unclad	1020*1020mm (40" *40") 1020*1220mm (40" *48")	200V

Note: Other sheet size and thickness could be available upon request.
 可根據客戶要求提供其他尺寸和厚度.