

### KB-150/1150/150D Unclad (ANSI : XPC)

#### 電木板/炭膜板

#### 特點

- 优异的碳油附着性
- 彎曲度、扭曲度小且穩定
- 適合之沖孔溫度為室溫~70°C
- 優異的厚度均勻性

#### Features

- Excellent carbon oil adhesion
- Warpage and twist are small and stable
- Suitable for punching at room temperature ~70°C
- Excellent thickness uniformity

#### 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	14-16
	Crosswise 橫向				13-14
Volume Resistivity 體積阻抗係數	Ω-cm	C-96/20/65 C-96/20/65+C-96/40/90	JIS C 6481	5×10 <sup>9</sup> 5×10 <sup>8</sup>	1×10 <sup>11</sup> ~10 <sup>12</sup> 1×10 <sup>9</sup> ~10 <sup>10</sup>
Surface Resistance 表面抗阻	Adhesive Side 粘接劑面	C-96/20/65 C-96/20/65+C-96/40/90	JIS C 6481	1×10 <sup>10</sup> 1×10 <sup>9</sup>	1×10 <sup>11</sup> ~10 <sup>12</sup> 1×10 <sup>10</sup> ~10 <sup>11</sup>
	Laminate Side 積層板面	C-96/20/65 C-96/20/65+C-96/40/90		---	---
Insulation Resistance 絕緣抗阻	Ω	C-96/20/65 C-96/20/65+D-2/100	JIS C 6481	1×10 <sup>9</sup> 1×10 <sup>6</sup>	1×10 <sup>10</sup> ~10 <sup>11</sup> 1×10 <sup>7</sup> ~10 <sup>8</sup>
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	1.2~1.8
Flammability 阻燃性	Sec	A	UL94	94HB	94HB
Punching Temperature 沖孔溫度	°C	A	WI-QA-001	20~70	Ambient~70

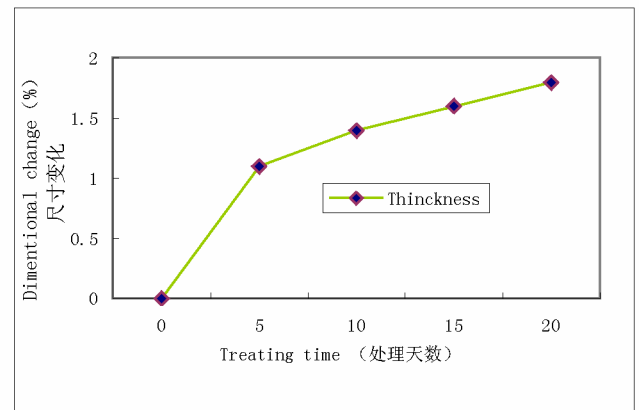
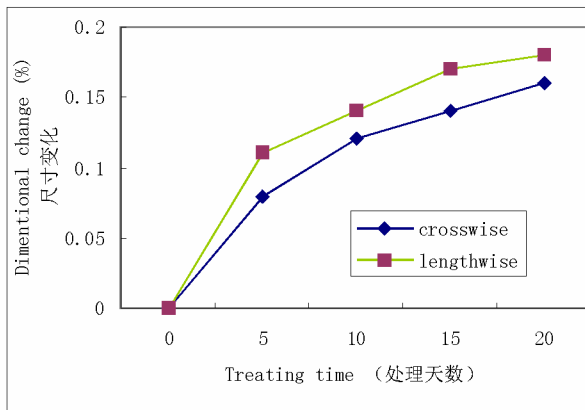
Remarks: Typical values for reference only 注: 典型值只作參考 Stand values according to JIS-C-6485 規格值參照 JIS-C-6485

### KB-150/1150/150D Unclad (ANSI : XPC)

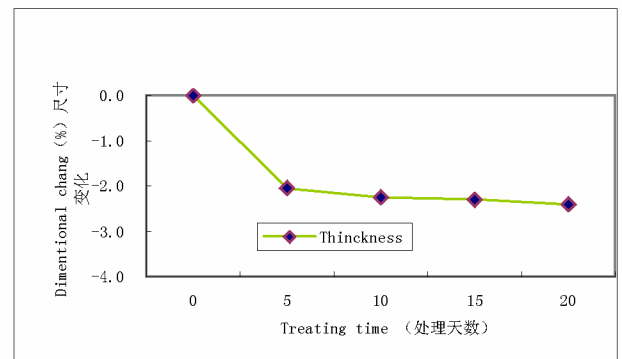
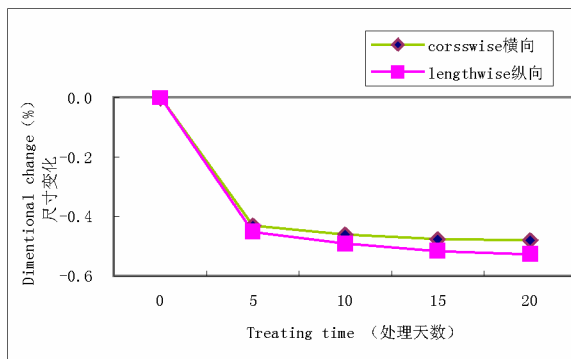
#### 電木板/炭膜板

#### Speciality Chart 板材特性圖

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-150/1150/150D (HB 級 非阻燃紙基電 木板)	0.4mm ~ 1.6mm	Unclad	1020*1020mm (40" * 40") 1020*1220mm (40" * 48")	---

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