

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

#### 电木板/炭膜板

#### 特点

- 优异的碳油附着性
- 弯曲度、扭曲度小且稳定
- 适合之冲孔温度为 40~70℃
- 优异的厚度均匀性

#### Features

- Excellent carbon oil adhesion
- Warp and twist are small and stable
- Suitable for punching at 40~70℃
- Excellent thickness uniformity

#### General Properties 一般特性

Test Item 测试项目	Unit 单位	Test Condition 处理条件	Testing Method 测试方法	Specification 规格值	Typical Value 典型值
Heat Resistance 耐热性	—	130℃ 30min	JIS C 6481	No Change 无异常	No Change 无异常
Flexural Strength 屈曲强度	Lengthwise 纵向	A	JIS C 6481	≥8	14~16
	Crosswise 横向				13~15
Volume Resistivity 体积阻抗系数	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 Resistivity 表面抗阻	Ω	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>
Insulation Resistance 绝缘抗阻	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>9</sup>
Chemical Resistance 耐化学性	—	3% NaOH 40℃ 3min 3%氢氧化钠 40℃3 分钟	JIS C 6481	No change 无异常	No change 无异常
Moisture Absorption 吸水率	%	E-24/50+D-24/23	JIS C 6481	≤2	1.2~1.8
Flammability 阻燃性	Rating	A	UL94	UL94 HB	HB
Punching Temperature 冲孔温度	℃	A	GB/T4722	40-70	40-70

Remarks: Typical values for reference only 注: 典型值仅作参考 Stand values according to JIS-C-6485 规格值参照 JIS-C-6485

A = Keep the specimen originally without any process 保持原样, 不作处理

C = Temperature and humidity conditioning 在恒温恒湿的空气中处理

D = Immersing in distilled water with temperature control. 浸在恒温的水中处理

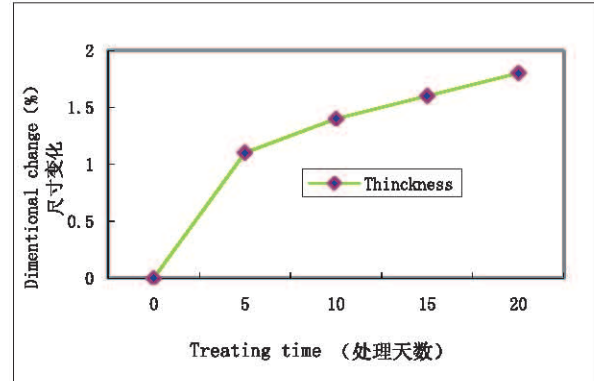
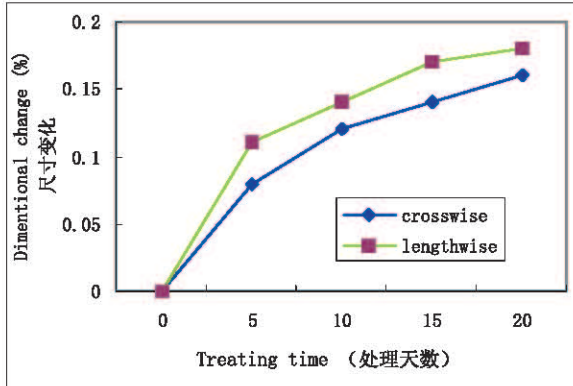
E = Temperature conditioning 在恒温的空气中处理

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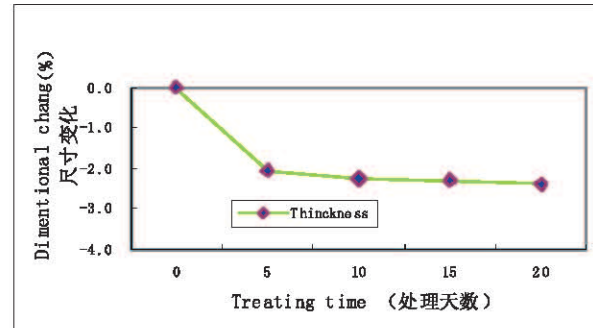
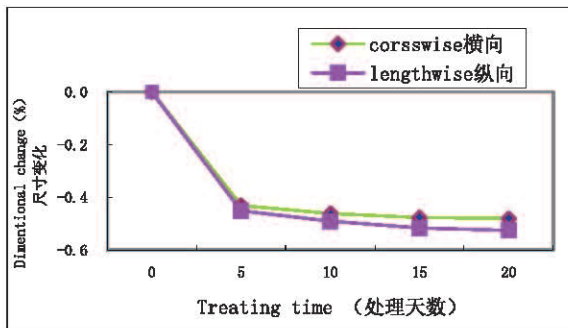
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#### Speciality Chart 板材特性图

Dimensional change after humidity treatment 湿度处理后板材尺寸变化率  
(Treating condition 处理条件: 40°C, 90%RH, 480hr)



Dimensional change after heat treatment 加热处理后板材尺寸变化率  
(Treating condition 处理条件: 100°C, 480hr)



#### Purchasing Information 采购信息

Type 类型	Thickness 厚度	Copper Cladding 铜箔厚度	Regular Size (mm) 常规尺寸	CTI Value CTI 值
KB-150/1150/150D (HB 级 非阻燃纸基电木板)	0.8mm ~ 1.6mm	Unclad	1020*1020mm (40' * 40') 1020*1220mm (40' * 48')	---

Note: Other sheet size and thickness could be available upon request.

可根据客户要求提供其它尺寸和厚度