### KB-6050/606X/606XF/6065GC （ANSI: PREPREG）

#### Features

- Excellent interlayer bonding strength with optimum flow
- Consistent dielectric thickness and electrical characteristics
- Wide processing tolerance and consistent performance

### General Properties 一般特性

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备注：PP-HF140 的胶化时间测试温度为：160℃；其余为 171℃
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### KB-6050/606X/606XF/6065GC (ANSI: PREPREG)

环氧玻纤布半固化片

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**Thickness**: 压合厚度

- **KB-6064F (Tg140)**
- **KB-6065F (Tg150)**
- **KB-6067F (Tg170)**

**Website**: [http://www.kblaminates.com](http://www.kblaminates.com)

**Version**: 5.1
### TECHNICAL INFORMATION

**KB-6050/606X/606XF/6065GC （ANSI: PREPREG）**

环氧玻纤布半固化片

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<th>UL Designation</th>
<th>PP style</th>
<th>R/C 材料类型</th>
<th>R/C 树脂含量</th>
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<th>R/F (%)流动度</th>
<th>V/C (%)</th>
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Remark:  
- Other fabric style are available upon request 其它基材布类型可按客户要求提供
- Prepreg characteristics is adjusted to fit different processing condition of customer 半固化片指标可根据客户制程要求调整
**Recommended Process**

- **Heat ramp up rate (between 80°C-140°C)** should be **1.5-2.0°C/min**

- **Curing condition** should be maintained at **175°C** or above for at least **45 minutes** for standard PP, and **180°C** or above for at least **60 minutes** for PP with high Tg.

- **Curing pressure** should be **25±10kg/cm²** with vacuum hydraulic press.

- **Pressure** for cooling stage should be higher than **10kg/cm²** when product temperature is higher than **120°C**.

---

**Press profile of temperature and pressure during pressing -- For separated Hot/Cold press system**
KB-6050/606X/606XF/6065GC （ANSI: PREPREG）
环氧玻纤布半固化片

Shelf Life 保存期

- 短期（3 个月）存放，保持温度低于 23℃，相对湿度低于 50%
  For short (3 months) storage, keep the temperature at lower than 23℃ and Relative Humidity lower than 50%
- 长期（6 个月）存放，保持温度低于 5℃
  For long term (6 months) storage, keep the temperature at lower than 5℃
- 长期保存的半固化片，在使用前须于室温放置 4 小时以上
  After long term storage, it should be normalized at room temperature for at least 4 hours before using
- 须防止紫外光及强光照射
  Avoid UV rays or strong lights

Applications 应用领域

- 适用于多层板的压制
  For various multilayer pressing

Purchasing Information 采购信息

<table>
<thead>
<tr>
<th>PP 类型</th>
<th>style</th>
<th>布型 fabric style</th>
<th>幅宽 Width</th>
<th>长度 length</th>
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Note :LR means : low resin content  LR 表示：低树脂含量
MR means : middle resin content  MR 表示：中树脂含量
HR means : high resin content  HR 表示：高树脂含量
LD means : laser drilling  LD 表示：激光钻孔

可根据客户要求提供其它尺寸和厚度

KINGBOARD LAMINATES HOLDINGS LIMITED
建滔积层板控股有限公司

Website : http://www.kblaminates.com
Version: 5.1