



产品分类
Product Categories



隔热PVB中间膜
PVB heat insulation film



产品介绍 PRODUCT INTRODUCTION

PVB隔热膜是将聚乙烯醇缩丁醛树脂与增塑剂等共混，添加纳米隔热介质采用挤出压延技术设备。本产品采用我司独创技术进行生产，填补了国内PVB隔热胶膜领域的技术空白。目前杜邦、积水化学等公司生产的PVB胶膜均为无色或者原色膜，其中无色膜红外阻隔率低，原色膜添加了彩色颜料易于变色且隔热率低。恒特PVB隔热膜使用无机纳米隔热介质对PVB膜进行工艺改性，产品物理性能优越，隔热性能强，使用持久不变色，本产品同时具有隔音防盗功能。

The PVB heat-insulating film is made by an extrusion calendering technique, mainly used to mix PVB resins, plasticizer and other reagents. We apply our original technology in making this PVB insulation film and fills the technical gap in the field of this industry. At present, PVB films produced by DuPont and Sekisui Chemical Co., Ltd. are colorless or primary color films. The colorless film has low infrared blocking rate, and the primary color film is added with color pigments, it can be easily changed color and it has low heat insulation rate. Hengte PVB insulation film uses inorganic nano-insulation medium to modify PVB film. The physical properties of the product are superior, the heat insulation performance is excellent, and the product is durable and non-discoloring. This product also has soundproof and anti-theft function.

产品特点 PRODUCT FEATURES

1、安全性

恒特PVB隔热中间膜与复合玻璃层具有强大的粘接强度，在受到外来撞击时，可阻止冲击物穿透，即使玻璃破碎，仍可将玻璃碎片附在中间层上，不会脱落四散伤人。

1. security.

Hengte PVB heat insulation film and composite glass layer have strong bonding strength, which can prevent the impact material from penetrating when it is subjected to external impact. Even if the glass is broken, the glass fragments can be attached to the middle layer without falling and damaging people.

2. 节约能源

PVB中间膜制成的建筑、汽车夹层玻璃能有效阻隔红外线，隔热性能良好，节能效率高；本产品具有较高的可见光透光率，可通过纳米隔热介质和生产工艺的合理调整使隔热膜可见光透率以及隔热系数的调整。

2. energy saving.

PVB interlayer film using for construction, car laminated glass can effectively block infrared rays, it has good thermal insulation performance and high energy-saving efficiency; our product has highly visible light transmittance, we can adjust the visible light transmittance of the hot film and the heat insulation coefficient by nano-insulation medium and reasonable adjustment of production process.

3、防盗性

PVB制成的夹层玻璃非常坚韧，即使盗贼将玻璃敲碎，由于中间层同玻璃牢牢黏附在一起，仍保持整体性，使盗贼无法进入室内。

3. guard against theft

PVB laminated glass is very tough, even if the thief breaks the glass, because the middle layer is firmly adhered to the glass, it remains intact and making it impossible for thieves to enter the room.

4、隔音性

由于恒特PVB薄膜具有对声波的阻隔功能，PVB夹层玻璃能有效的抑制噪音传播，特别是位于机场、车站、闹市及道路两侧的建筑物在安装夹层玻璃后，隔音效果十分明显。

4. sound insulation

Because the Hengte PVB film has the function of acoustic barrier, PVB laminated glass can effectively suppress the noise propagation. Especially the buildings located at airports, stations, downtown and roads after installing laminated glass.

技术指标 TECHNICAL SPECIFICATIONS

项目 Items	技术指标 Technical indicators
颜色 Color	浅蓝色 The light blue
厚度 Thickness	0.38mm, 0.45mm, 0.76mm, 1.14mm, 1.52mm
宽度 Width (mm)	700-3300mm (可根据要求定做) Can be customized according to requirements
最小长度 Minimum length (m)	150
可见光透过率% Visible light transmittance(%)	30-85
红外线阻隔热率% Infrared group of heat rate(%)	80-99
雾度% Haze(%)	≤0.60
挥发性物质含量% Volatile matter content(%)	≤0.55
拉伸强度MPa Tensile strength(Mpa)	≥20
粘接强度MPa Bonding strength(Mpa)	≥8.0
耐湿热性能 Wet and heat resistance	70±2℃, 相对湿度91-99%, 48h无变化 70±2℃, relative humidity 91-99%, 48h no change
耐热性能 Heat resistant performance	70±2℃, 48h无变化 70±2℃, 48h no change
耐冷性能 Cold resistanc	-55±2℃, 48h无变化 -55±2℃, 48h no change
耐光性能 Light resistance	750W光源照射100h光透过率降低2%, 100h 750W illuminant 100h light transmittance by 2%, 100h