

JOLYWOOD · PRODUCT

		KPK-3501	
产品信息 Product information			
结构 Structure		PVDF//Adhesive//PET//Adhesive//PVDF	
总厚度 Total thickness		331μm±5%	
各层厚度 Thickness of each layer		PVDF: 20μm Adhesive: 8μm PET: 275μm Adhesive: 8μm PVDF: 20μm	
系统电压 System voltage		1500V	
颜色 Colour		白 (White)	
产品指标 Product index			
拉伸强度 Tensile strength(MD)(N/mm ²)	GB/T 13542.2-2009	≥120	
拉伸强度 Tensile strength(TD)(N/mm ²)	GB/T 13542.2-2009	≥120	
断裂伸长率 Elongation at break(MD)(%)	GB/T 13542.2-2009	≥100	
断裂伸长率 Elongation at break(TD)(%)	GB/T 13542.2-2009	≥90	
热收缩率 Heat shrinkage rate150°C×30min(MD)(%)	GB/T 13542.2-2009	≤1.0	
热收缩率 Heat shrinkage rate150°C×30min(TD)(%)	GB/T 13542.2-2009	≤1.0	
层间剥离强度 Interlaminar peeling strength(N/10mm)	GB/T 2790-1995	≥4	
与EVA粘接强度(初始) Bond strength with EVA((initial)(N/10mm)	GB/T 2790-1995	≥45	
与EVA粘接强度 Bond strength with EVA (85°C*85%RH, 1000h)(N/10mm)	GB/T 2790-1995	≥40	
击穿电压 Breakdown voltage(kV)	GB/T 13542.2-2009	≥18	
局部放电电压 Partial discharge voltage(VDC)	IEC 60664-1-2007	≥1500	
水蒸气透过率 WUTR(g/m ² ·d)	GB/T 26253-2010	≤2.5	
老化测试 Aging test			
耐湿热老化试验 Hygrothermal aging resistance test (85°C*85%RH, 2000h)		IEC TS 62788-2	不分层、不起泡、Δb≤2 No stratification,no bubbles,Δb≤2
氙灯老化试验 Xenon lamp aging test(2000h)		IEC TS 62788-2	不分层、不起泡、不褶皱、Δb≤2 No stratification,no foaming,no folding,Δb≤2
沸水处理 Boiling water treatment(boiled for 24h)	外观检查 Visual inspection	GB/T 17748-2008	不分层、不起泡、不褶皱、无脱落、无粉化 No stratification,no foaming,no folding,no shedding,no pulverization
	层间剥离强度 Interlaminar peeling strength(N/10mm)	GB/T 2790-1995	≥4