

JOLYWOOD · PRODUCT

		TPT-3501	T-3502	TPT-3503
产品信息 Product Information				
结构 Structure		PVF//Adhesive//PET//Adhesive//PVF	PVF//Adhesive//PET//Adhesive//PVF	PVF//Adhesive//PET//Adhesive//PVF
总厚度 Total thickness		342μm(-10%/+10%)	316μm±15μm	326μm±5%
各层厚度 Thickness of each layer		PVF: 38μm Adhesive: 8μm PET: 250μm Adhesive: 8μm PVF: 38μm	PVF: 25μm Adhesive: 8μm PET: 250μm Adhesive: 8μm PVF: 25μm	PVF: 30μm Adhesive: 8μm PET: 250μm Adhesive: 8μm PVF: 30μm
系统电压 System voltage		1500V	1500V	1500V
颜色 Colour		白 (White)	白 (White)	白 (White)
产品指标 Product Index				
拉伸强度 Tensile strength(MD)(N/mm ²)		GB/T 13542.2-2009	≥ 120	≥ 120
拉伸强度 Tensile strength(TD)(N/mm ²)		GB/T 13542.2-2009	≥ 120	≥ 120
断裂伸长率 Elongation at break(MD)(%)		GB/T 13542.2-2009	≥ 100	≥ 100
断裂伸长率 Elongation at break(TD)(%)		GB/T 13542.2-2009	≥ 90	≥ 90
热收缩率 Heat shrinkage rate 150°C×30min(MD)(%)		GB/T 13542.2-2009	≤ 1.0	≤ 1.0
热收缩率 Heat shrinkage rate 150°C×30min(TD)(%)		GB/T 13542.2-2009	≤ 1.0	≤ 1.0
层间剥离强度 Interlaminar peeling strength(N/10mm)		GB/T 2790-1995	≥ 4	≥ 4
与EVA粘接强度(初始) Bond strength with EVA(initial) (N/10mm)		GB/T 2790-1995	≥ 60	≥ 60
与EVA粘接强度 Bond strength with EVA(85°C*85%RH , 1000h)(N/10mm)		GB/T 2790-1995	≥ 40	≥ 40
击穿电压 Breakdown voltage(kV)		GB/T 13542.2-2009	≥ 18	≥ 18
局部放电电压 Partial discharge voltage(VDC)		IEC 60664-1-2007	≥ 1500	≥ 1500
水蒸气透过率 WUTR(g/m ² ·d)		GB/T 26253-2010	≤ 2.5	≤ 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	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	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	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	≥ 4