

JOLYWOOD · PRODUCT

		TPT-3501	TPT-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(-15%/+10%)	316μm±5%	316μm±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	1000V	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	≥120	
拉伸强度 Tensile strength(TD)(N/mm ²)	GB/T 13542.2-2009	≥120	≥120	≥120	
断裂伸长率 Elongation at break(MD)(%)	GB/T 13542.2-2009	≥100	≥100	≥100	
断裂伸长率 Elongation at break(TD)(%)	GB/T 13542.2-2009	≥90	≥90	≥90	
热收缩率 Heat shrinkage rate150°C×30min(MD)(%)	GB/T 13542.2-2009	≥90	≤1.0	≤1.0	
热收缩率 Heat shrinkage rate150°C×30min(TD)(%)	GB/T 13542.2-2009	≤1.0	≤1.0	≤1.0	
层间剥离强度 Interlaminar peeling strength(N/10mm)	GB/T 2790-1995	≥4	≥4	≥4	
与EVA粘接强度(初始) Bond strength with EVA(initial) (N/10mm)	GB/T 2790-1995	≥45	≥45	≥45	
与EVA粘接强度 Bond strength with EVA(85°C*85%RH, 1000h)(N/10mm)	GB/T 2790-1995	≥40	≥40	≥40	
击穿电压 Breakdown voltage(kV)	GB/T 13542.2-2009	≥18	≥18	≥18	
局部放电电压 Partial discharge voltage(VDC)	IEC 60664-1-2007	≥1500	≥1500	≥1500	
水蒸气透过率 WUTR(g/m ² ·d)	GB/T 26253-2010	≤2.5	≤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	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	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	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	≥4

注：FFC为中来公司特种含氟高分子聚合物。专利产品，仿冒必究！

Note: FFC is a special fluorine-containing polymer of Jolywood. Patented products, counterfeiting will be investigated!