

JOLYWOOD · PRODUCT

		T-3502 T-3502M	TFB-30 TFB-30M	TFB-30(plus) TFB-30M(plus)	FFC-JW30 FFC-JW30M	FFC-JW30(plus) FFC-JW30M(plus)
产品信息 Product information						
结构 Structure		PVF//ad//PET//ad//PVF	PVF//ad//PET//FFC	PVF//ad//PET//FFC	FFC//PET//FFC	FFC//PET//FFC
总厚度 Total thickness		316μm	300μm	320μm	290μm	315μm
各层厚度 Thickness of each layer		PVF: 25μm Adhesive: 8μm PET: 250μm Adhesive: 8μm PVF: 25μm Mesh: 20μm	PVF: 25μm Adhesive: 10μm PET: 255μm FFC: 10μm Mesh: 20μm	PVF: 25μm Adhesive: 10μm PET: 275μm FFC: 10μm Mesh: 20μm	FFC(EVA side):15μm PET:250μm FFC(AIR side):25μm Mesh: 20μm	FFC(EVA side):15μm PET:275μm FFC(AIR side):25μm Mesh: 20μm
系统电压 System voltage		1500V	1000V	1500V	1000V	1500V
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	≤1.0		≤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
涂层/网格区域附着力(等级) Coating/grid area adhesion (grade)	GB/T 9286-1998	0级 (grade 0)		0级 (grade 0)		0级 (grade 0)
与EVA/POE粘接强度 Bond strength with EVA/POE (N/10mm)	GB/T 2790-1995	≥60		≥60		≥60
白色网格与EVA/POE粘接强度 Bond strength between white mesh and EVA/POE(N/10mm)	GB/T 2790-1995	≥60		≥60		≥60
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	≥1000	≥1500	≥1000	≥1500
水蒸气透过率 WUTR(g/m ² ·d)	GB/T 26253-2010	≤2.5		≤2.5		≤2.5
反射区域反射率 Reflectivity of reflective region(400-780nm)(%)	ASTM E424-71-2015	≥80		≥80		≥80
透光区域透光率 Transmittance in translucent region(400-1100nm)(%)	ASTM E424-71-2015	≥90		≥90		≥90
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			
	涂层/网格区域附着力(等级) Coating/mesh area adhesion (grade)	GB/T 9286-1998	0级 (grade 0)			
	层间剥离强度 Interlaminar peeling strength(N/10nm)	GB/T 2790-1995	≥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!