

JOLYWOOD · PRODUCT

	KFB-30 KFB-30M	KFB-30(plus) KFB-30M(plus)	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	PVDF//ad//PET//FFC	PVDF//ad//PET//FFC	PVF//ad//PET//FFC	PVF//ad//PET//FFC	FFC//PET//FFC	FFC//PET//FFC
总厚度 Total thickness	290μm±5%	315μm±5%	300μm	320μm	290μm	315μm
各层厚度 Thickness of each layer	PVDF: 20μm Adhesive: 10μm PET: 250μm FFC: 10μm White mesh: 10μm Black mesh: 10μm	PVDF: 20μm Adhesive: 10μm PET: 275μm FFC: 10μm White mesh: 10μm Black mesh: 10μm	PVF: 25μm Adhesive: 10μm PET: 255μm FFC: 10μm White mesh: 10μm Black mesh: 10μm	PVF: 25μm Adhesive: 10μm PET: 275μm FFC: 10μm White mesh: 10μm Black mesh: 10μm	FFC(AIR side): 25μm PET: 250μm FFC(EVA side): 15μm White mesh: 10μm Black mesh: 10μm	FFC(AIR side): 25μm PET: 275μm FFC(EVA side): 15μm White mesh: 10μm /Black mesh: 10μm
系统电压 System voltage	1000V	1500V	1000V	1500V	1000V	1500V
颜色 Colour	黑/白 (Black/White)	黑/白 (Black/White)	黑/白 (Black/White)	黑/白 (Black/White)	黑/白 (Black/White)	黑/白 (Black/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	≤ 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
网格与EVA/POE粘接强度 Bond strength between mesh and EVA/POE(N/10mm)	GB/T 2790-1995	≥ 40		≥ 60		≥ 60
击穿电压 Breakdown voltage(kV)	GB/T 13542.2-2009	≥ 16		≥ 16		≥ 16
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/10mm)	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!