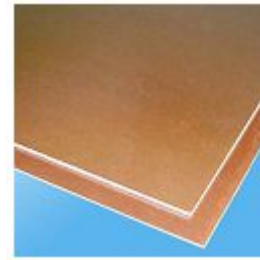


PHENOLIC PAPER LAMINATED SHEET

Phenolic paper laminated sheet is made of electric insulating craft paper impregnated with phenolic resin by processing under heat and pressure.

Type: PFPC204、 PFPC205 (FR-2)



SPECIFICATION:

项 目 ITEM	单 位 UNIT	指 标 VALUE	
		PFPC204	PFPC205 (FR-2)
产品用途 Products application	—	电气和电子用, 高湿度下介电性能稳定。 Used for electric and electronic devices,It has stable dielectric properties at high humidity.	电气和电子用, 高湿度下介电性能稳定, 且耐燃烧性好。 Used for electric and electronic devices,It has stable dielectric properties at high humidity.fire retardance good.
垂直层向弯曲强度, 常态 \geq Flexural strength perpendicular to lamination	MPa	75	75
垂直层向耐电压强度, 于 90±2℃变压器油中 1 分钟 Voltage endurance perpendicular to lamination in transformer oil 1 min at 90±2℃ \geq 板厚 Thickness: 0.5mm 板厚 Thickness: 0.8mm 板厚 Thickness: 1.0mm 板厚 Thickness: 1.6mm	kV/mm	14.7 12.9 12.1 10.1	14.7 12.9 12.1 10.1
平行层向耐电压, 于 90±2℃变压器油中 1 分钟 Voltage endurance parallel to lamination in transformer oil 1 min at 90±2℃ \geq	kV	25	—
浸水后绝缘电阻 \geq Insulation resistance after impregnated in water	MΩ	1×10^4	1×10^4
浸水后 1MHz 损耗因数 \leq 1MHz loss factor after impregnated in water	—	0.05	0.05
浸水后 1MHz 相对介电系数 \leq 1MHz loss relative dielectric coeff after impregnated in water	—	5.5	5.5
吸水性 Water absorption \leq 板厚 Thickness: 0.5mm 板厚 Thickness: 1.0mm	mg	45 48	45 48
可燃性 Flammability	—	—	UL-94V0

标称面积: 1020×1220mm; 1020×2040mm; 1220×2440mm
Area of the sheets:1020×1220mm;1020×2040mm;1220×2240mm