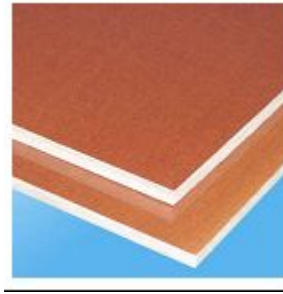


酚醛层压布板

本品由棉布浸以酚醛树脂经热压而成的酚醛层压布板。

产品型号：PFCC201、PFCC202、PFCC203、PFCC204

产品性能指标：



项 目 ITEM	单 位 UNIT	指 标 VALUE			
		PFCC201	PFCC202	PFCC203	PFCC204
产品用途 Products application	—	机械用, 电气性能差(粗布) Primarily intend for mechanical applications, not recommended to use for electrical applications.	机械及电气用, 电气性能好 Suitable for mechanical & electrical applications, the latest with better electrical performance	机械用, 电气性能差(细布) Primarily intend for mechanical applications, the latest with better general properties.	机械及电气用, 电气性能好 Suitable for mechanical & electrical applications, the latest with better electrical performance
垂直层向弯曲强度(板厚≥1.6mm) Flexural strength perpendicular to lamination	MPa	≥100	≥90	≥110	≥100
平行层向冲击强度(简支梁) Impact strength parallel to lamination (charpy)	kJ/m ²	≥8.8	≥7.8	≥7.0	≥6.0
垂直层向电气强度, 于90±2℃变压器油中, 板厚1.0mm Voltage endurance perpendicular to lamination in transformer oil at 90±2℃, Thickness: 1.0mm	kV/mm	≥0.82	≥0.82	≥5.1	≥6.3
平行层向电气强度, 于90±2℃变压器油中 Voltage endurance parallel to lamination in transformer oil at 90±2℃	kV	≥1	≥20	≥1	≥20
相对介电系数(48~62Hz) Relative dielectric constant	—	—	≤5.5	—	≤5.5
浸水后绝缘电阻 Insulation resistance after impregnated in water	Ω	—	≥5×10 ⁷	—	≥5×10 ⁷
吸水性(厚度3mm) Water absorption (Thickness 3mm)	mg	≤249	≤162	≤249	≤162

标称面积: 1020×1220mm; 1020×2040mm; 1220×2440mm

Area of the sheets: 1020×1220mm; 1020×2040mm; 1220×2240mm