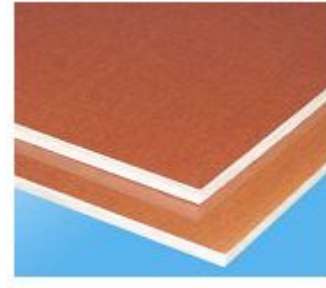


PHENOLIC COTTON CLOTH LAMINATED SHEET

Phenolic cotton cloth laminated sheet is made of cotton cloth impregnated phenolic resin by processing under heat and pressure.

Type: PFCC201、 PFCC202、 PFCC203、 PFCC204



SPECIFICATION:

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 $\geq 1.6\text{mm}$) 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 $90\pm 2^\circ\text{C}$ 变压器油中, 板厚 1.0mm Voltage endurance perpendicular to lamination in transformer oil at $90\pm 2^\circ\text{C}$, Thickness: 1.0mm	kV/mm	≥ 0.82	≥ 0.82	≥ 5.1	≥ 6.3
平行层向电气强度, 于 $90\pm 2^\circ\text{C}$ 变压器油中 Voltage endurance parallel to lamination in transformer oil at $90\pm 2^\circ\text{C}$	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	—	$\geq 5\times 10^7$	—	$\geq 5\times 10^7$
吸水性(厚度 3mm) Water absorption (Thickness 3mm)	mg	≤ 249	≤ 162	≤ 249	≤ 162

标称面积: $1020\times 1220\text{mm}$; $1020\times 2040\text{mm}$; $1220\times 2440\text{mm}$

Area of the sheets: $1020\times 1220\text{mm}$; $1020\times 2040\text{mm}$; $1220\times 2240\text{mm}$