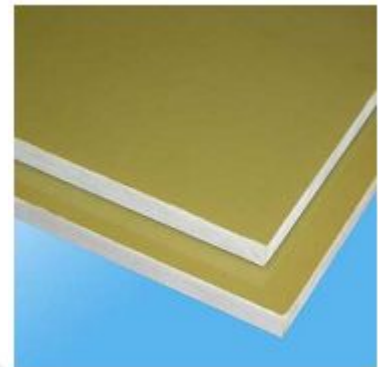


EPOXY PHENOLIC GLASS CLOTH LAMINATED SHEET



FEATURE AND APPLICATION: 3420 Epoxy phenolic glass cloth laminated sheet is made of alkali-free E-glass cloth impregnated with epoxy resins and phenolic resins by processing under heat and pressure. This product having high mechanical and dielectric properties, fine heat and humidity resistance, can be used in electrical machine and devices as insulating construction parts in moist circumstances and in transformer oil.

Type: 3240

SPECIFICATION:

项 目 Item	单位 Unit	指标 Value
密度 Density	g/cm ³	1.70~1.90
马丁耐热性 (纵向) Martens heat resistance (LW) ≥	℃	200
抗弯强度 Flexural strength ≥	MPa	
纵向 Perpendicular to lamination		400
横向 parallel to lamination		300
抗张强度 Tensile strength ≥	MPa	
纵向 Perpendicular to lamination		350
横向 parallel to lamination		250
粘合力 Bonding ≥	N	5680
抗冲击强度 Impact strength ≥		
纵向 Perpendicular to lamination	kJ/m ²	150
横向 parallel to lamination		100
表面电阻系数 Surface resistivity ≥		
常态时 Under normal condition	Ω	1×10 ¹³
浸水后 After impregnated in water		1×10 ¹¹
体积电阻系数 Volume resistivity ≥	Ω . cm	
常态时 Under normal condition		1×10 ¹³
浸水后 After impregnated in water		1×10 ¹¹
平行层向绝缘电阻 Insulation resistance parallel to lamination ≥	Ω	
常态时 Under normal condition		1×10 ¹⁰
浸水后 After impregnated in water		1×10 ⁸
介质损耗角正切,50Hz Loss tangent, 50Hz ≤	—	0.05
垂直层向击穿强度, 于 90±2℃变压器油中 Voltage endurance perpendicular to lamination in transformer oil at 90±2℃ ≥	kV/mm	
板厚 Thickness: 0.5~1mm		22
板厚 Thickness: 1.1~2mm		20
板厚 Thickness: 2.1~3mm		18
平行层向击穿电压, 于 90±2℃变压器油中 Voltage endurance parallel to lamination in transformer oil at 90±2℃ ≥	kV	30

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

Area of the sheets: 1020×1220mm; 1020×2040mm; 1220×2440mm