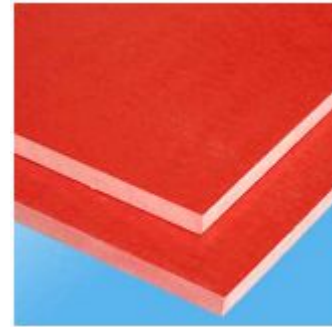


POLYESTER GLASS FELT LAMINATED SHEET

FEATURE AND APPLICATION: Polyester glass felt laminated sheets is made of alkali-free glass felt impregnated with polyester resins paste by processing under heat and pressure. This product having high mechanical capability ,good dielectric capability ,flame retard and arc resistance,Used as electrical product of high voltage and high frequency.



Type: GPO-3

SPECIFICATION:

项 目 Item	单位 Unit	指标 Value
弯曲强度 Flexural strength \geq	MPa	166
抗张强度 Tensile strength \geq	MPa	78
抗压强度 Compressive strength \geq	MPa	157
剪切强度 Shear strength \geq	MPa	68
冲击强度 Impact strength \geq	kJ/m ²	90
Flatwise		45
Edgewise		
垂直层向耐电压强度, 于 25±2℃ 变压器油中 Voltage endurance perpendicular to lamination in transformer oil at 25±2℃ \geq	kV/mm	14
绝缘电阻 Insulation resistance \geq	Ω	1×10 ¹⁴
常态时 Under normal condition		1×10 ¹¹
煮沸后 After boil in water		
表面电阻系数 Surface resistivity \geq	Ω	1×10 ¹⁵
常态时 Under normal condition		
浸水后 After impregnated in water		
体积电阻系数 Volume resistivity \geq	Ω . cm	3~5×10 ¹⁵
常态时 Under normal condition		
浸水后 After impregnated in water		
1MHz 损耗因数 1MHz loss factor \leq	—	0.05
1MHz 相对介电系数 1MHz loss relative dielectric coeff \leq	—	5.5
耐电弧 Arc resistance \geq	s	180
热变形温度 Heat deflection temperature \geq	℃	200
可燃性 Flammability		
氧指数 Oxygen index \geq	—	40
UL-94 flame	—	94-V ₀
吸水率 Water absorption \leq	%	0.20

标称面积: 1000×1200mm; 1020×2040mm; 1250×2500mm

Area of the sheets: 1000×1200mm; 1020×2040mm; 1250×2500mm