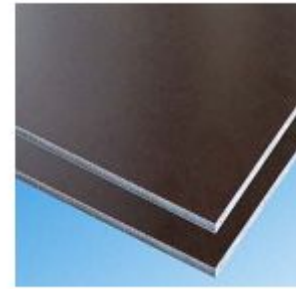


## PHENOLIC PAPER LAMINATED SHEET

Phenolic paper laminated sheet is made of electric insulating

craft paper impregnated with phenolic resin by processing under heat and pressure.

Type: 3021 、 3021B 、 3021C



### SPECIFICATION:

项 目 ITEM	单 位 UNIT	指 标 VALUE		
		3021	3021B	3021C
产品用途 Products application	—	具有高的机械性能, 适于对机械性能要求较高的电机、电器设备作绝缘结构零部件, 并可在变压器油中使用。 High mechanical properties,Widely used as insulating structural parts in electromotor,electrical equipments which request high mechanical properties,also used in transformer oil.		
比重 Specific gravity		1.30~1.45	1.30~1.45	1.30~1.45
热稳定性 Heat resistance	℃			
板厚 20mm 及以下者 Thickness ≤20mm		115	115	115
板厚 20mm 以上者 Thickness >20mm		90	—	—
抗弯强度 Flexural strength ≥	MPa	120	90	90
抗张强度 Tensile strength ≥	MPa	100	—	—
粘合力 Bonding ≥	N	3130	2940	2740
抗冲击强度, 简支梁 Impact strength,charpy ≥	kJ/m <sup>2</sup>	15	—	—
平行层向绝缘电阻 ≥	Ω			
常态时 Under normal condition		1×10 <sup>9</sup>	1×10 <sup>9</sup>	1×10 <sup>9</sup>
受潮后 In case of humidity		1×10 <sup>7</sup>	1×10 <sup>6</sup>	1×10 <sup>6</sup>
垂直层向耐电压强度, 于 20±5℃ 变压器油中 5 分钟 Voltage endurance perpendicular to lamination in transformer oil 5 min at 20±5℃ ≥	kV/mm			
板厚 Thickness: 0.2~1mm		16	—	—
板厚 Thickness: 1.1~2mm		15	14	12
板厚 Thickness: 2.1~3mm		13	—	—
板厚 Thickness: >3mm		13	—	—
平行层向耐电压, 于 20±5℃ 变压器油中 5 分钟 Voltage endurance parallel to lamination in transformer oil 5 min at 20±5℃ ≥	kV	14	12	10

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

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