

No.	Item	Units	Vlaue				
			3025	3025B	3025C	3026	3027
1	Applicable Standards	—	JB886-75	QB		JB1979-75	JB2182-77
2	Density	g/cm ³	1.30~1.45	1.30~1.45	1.30~1.45	1.30~1.50	1.30~1.42
3	Martens heat resistance	℃	125	125	125	125	135
4	Tensile strength	MPa	63.7	—	—	68.6	58.8
5	Flexural strength	MPa	102.9	90	70	117.6	88.2
6	Impact strength	kJ/m ²	25	—	20	30	20
7	Bonding strength	N	5390	5000	5000	—	5390
8	Pressing strength ≥ Perpendicular to lamination Parallel to lamination	MPa	— —	— —	— —	245 147	— —
9	Insulation resistance Under normal conditions After impregnated in water	Ω	— —	— —	— —	— —	1×10 ¹⁰ 1×10 ⁷
10	Voltage endurance parallel to lamination (in oil 90±2℃) 5 min	kV	—	—	—	—	10
11	Voltage endurance perpendicular to lamination ≥ (in oil 90±2℃) Thickness: 0.5~1mm Thickness: 1.1~2mm Thickness: 2.1~3mm	kV/mm	4.0 3.0 2.0 2.0	— 2.5 — —	— 2.5 — —	— — — —	8.0 6.0 5.0 5.0
12	Water absorption(Thickness 10mm)	%	—	—	—	1.0	—
13	Temperature index	℃	120	120	120	120	120