

Technical Data Sheet PTE

No	Item	Units	Vlaue				
			3025	30258	3025 C	3026	3027
1	Applicable Standards	-	J8886-75	QB		JB1979 75-	JB2182-77
2	Density 2	g/cm ³	1.4~1.30 5	1.~1.30 45	1.~1.30 45	1.~1.30 50	1.42~1.30
3	Martens heat resistance 3	C	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 2 Perpendicular to lamination Parallel to lamination	MPa	-	-	-	245 147	-
9	Insulation resistance Under normal conditions After impregnated in water	Ω	-	-	-	-	1010×1 107×1
10	Voltage endurance parallel to lamination (in oil 90±2°C) 5 min	kv	-	-	-	-	10
11	Voltage endurance perpendicular to lamination 2 (in oil 90±2°C) Thickness: 0.5~1mm Thickness: 1.1~2mm Thickness: 2.1~3mm	kV/m m	4.0 3.0 2.0 2.0	2.5	-	-	8.0 6.0 5.0
12	Water absorption(Thickness 10mm)	%	-	-	-	1.0	-
13	Temperature index	-	120	120	120	120	120

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