

Properties		Values
Sheet Size		2040 x 1020 MM
Thickness		0.5 – 80MM, Tolerance \pm 0.14MM
Specific Gravity		1.70 – 1.90
Bending Strength	Longitudinal	Min 32225N/cm ²
	Horizontal	Min 2942N/cm ²
Tensile Strength	Longitudinal	Min 34323N/cm ²
	Horizontal	Min 24515N/ cm ²
Impact Strength	Longitudinal	Min 1471N/cm ²
	Horizontal	Min 980N/cm ²
Surface Resistivity	Normal State	Min 1.0×10^{13} ohms
	Immersion State	Min 1.0×10^{13} ohms
Volume Resistivity	Normal State	Min 1.0×10^{13} ohms
	Immersion State	Min 1.0×10^{13} ohms
Thermal Stability	Longitudinal	Min 200°C
Adhesive Strength		Min 5687N
Parallel to laminate Insulating Resistance		
	Normal State	Min 1.0×10^{13} ohms
	Immersion State	Min 1.0×10^{13} ohms
Dielectric Loss angle, Tangent at 50 Hz		0.05
Breakdown Strength in transformer oil	Vertical to laminate	
	0.5~1.0 MM Min	22.0kv/MM
	1.1~2.0MM Min	20.0kv/MM
	2.1~3.0 MM Min	18.0kv/MM
For sheet with one side processed	3.0MM and about	Min 18.0kv/MM
Parallel to laminate in transformer oil	of $90 \pm 2^\circ\text{C}$	Min 30kv
Temperature Rating		Class 'B' 130°C
Flame Retardant		Not Tested
Water Absorption		Max. 0.4%