



Phenolic paper / Bakelite

Phenolic paper, also known as trademark “Bakelite” is a laminate Kraft Paper impregnated with phenolic resin. The combination of its high electrical and mechanical properties will provide a broad scope in the industry.

ITS MAIN APPLICATIONS ARE CONTROL PANELS; STAMPING DIES, TERMINAL CONNECTION AND PARTS INDUSTRIAL INSULATION IN GENERAL.

FEATURES	UNIT	VALUE
TYPE AS NORMADIN 7735	Hgw2061	
BENDING TENSION TO BREAK PERPENDICULAR TO THE ROLLING (at temp. 20°C)	Mpa	120
APPARENT ELASTIC MODULUS IN BENDING	Mpa	7×10^3
TENSILE STRENGTH	Mpa	120
RESISTANCE TO COMPRESSION PERPENDICULAR TO THE LAYERS	Mpa	300
RESISTANCE TO SPLIT PARALLEL TO THE LAYERS	Mpa	10
DENSITY	g/cm ³	1,4
TEMPERATURE INDEX	°C	120
WATER ABSORPTION (for thickness 3 m/m)	mg	260