



ELECTRICAL INSULATION MATERIALS

Bakelite Sheet



PRODUCT PARAMETERS

NO.	Name	Unit	Standard
1	color	/	black, red, orange
2	Exterior		Smooth surface, uniform
3	proportion	g/cm	1.36~1.45
4	Flammability		94HB
5	Parallel layer breakdown voltage	KV	10
6	Insulation resistance	Ω	1.0*10
7	Heat resistance (continuous)	$^{\circ}\text{C}$	130 $^{\circ}\text{C}$
8	water absorption	%	<1.5
9	temperature index	$^{\circ}\text{C}$	-20-120 $^{\circ}\text{C}$
10	vertical laminar bending strength	PMa	≥ 120
11	Vertical laminar compressive strength	PMa	≥ 250
12	vertical layer electric strength	KV/m	12.1
13	Impact strength	kJ/m	67
14	Relative permittivity (1MHz/50Hz)	/	5.5
15	Adhesive strength	N	3600



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