

## Bakelite Sheet



### Product & Introduction

**Insulation Grade:** B class

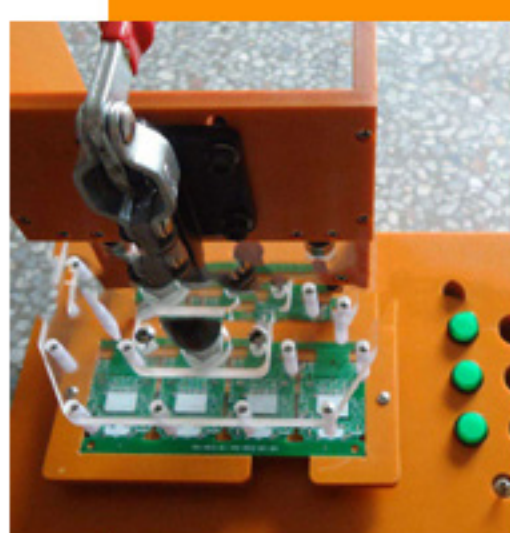
**Thickness:** 0.006" -4.0"

**Dimension:** 40" x 80", 48" x 80", 48" x 96"

**Tolerance Range:** International Standard

Bakelite sheet laminates normally consist of fiber paper, cotton fabric, chemical fiber yarn, and fiberglass, etc. It is suitable for high-performance requirements of electrical machinery, electrical equipment as insulating structural parts, and transformer oil. Room temperature electrical properties with good machining performance with excellent electrical, mechanical, and processing properties.

The normally used Bakelite sheet Color is Orange and Black. Our Bakelite has high mechanical and dielectric properties, good heat resistance and wave resistance, and good machinability. It is widely used in motors, electrical equipment for insulation structure parts, PCB test rack, and etc.



Series of insulating board processing products

### Technical & Data

Items		Unit	Typical Values	
Water absorption			3024-4	3024-5
		%	-	≦4.8
		mg	550 (3mm)	-
To warp or twist		mm	-	≦10
Water absorption expansion rate	Longitudinal	%	-	≦0.3
	Horizontal		-	≦0.5
Vertical laminar bending strength (thickness ≧ 1.5mm)		MPa	≧80	-
Surface resistivity (Normal)		Ω	≧1.0×10 <sup>8</sup>	-
Insulation resistance	Normal state	Ω	-	≧1.0×10 <sup>9</sup>
	After boiling		-	≧1.0×10 <sup>7</sup>
Electrical strength(20℃±2℃, thickness ≦1.5mm in transformer oil)		MV/m	≧17	-



## Contact Info

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