



Bakelite Sheet - Brown

Bakelite Sheet is a versatile and economical grade of hard wearing plastic that is used in a variety of areas. Bakelite is use for its electrical non conductivity and heat-resistant properties in electrical insulators, radio and telephone casings and such diverse products as kitchenware, jewelry, pipe stems, children's toys and firearms. It machines well and can be accurately cut and drilled.



SKU: [MCH1262](#)

Brief Data:

- Color: Brown.
- Heat Resistance (Martens Test) (min.): 125°C.
- Impact Strength: 24.5 KJ/m².
- Bond Strength (min.): 5,390 N.
- Density: 1.45g/ cm³.
- Flexural Strength (min.): 103MPa.
- Tensile Strength (min.): 63.8MPa.
- Electrical Breakdown Strength: 4kV/mm (0.5 to 1mm).
- Transformer Oil at 90°C: 2kV/mm (2.1 to 3mm).

Applications for Bakelite Sheet:

- Electrical Isolating Bolt Sleeves, Washers and Gaskets.
- Manufacturing Jigs and Wear Plates.
- Insulating Pads, Bushes and Spacers, Gears.
- Wear Strips and Liners Rollers Saw Guides.
- Pulleys and Conveyor Wheels Slot, Wedges and Packers for Electric Motors.
- Pump Vanes.

Application Examples:



Power Supply Casing with Switch



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