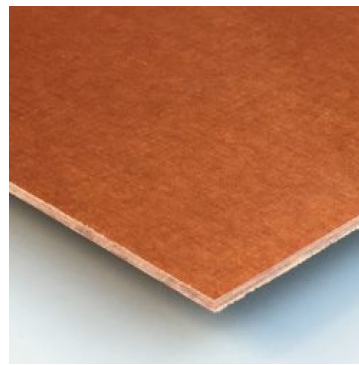


BAK PHENOLIC RESIN

Phenolic Resin (BAK) Bakelite

The Bakelite is the name given to a thermosetting phenolic resin obtained phenol and formaldehyde. They has insulating power plants that have made it widely used in electro elements, electrical switches, electrical outlets, handles of pots and pans to radio equipment. It is considered one of the best synthetic plastic produced and used. Technical details: Raw Material Phenolic Resin: (BAK) : Standard color black. Specific Gravity: 1.35



PHISICAL PROPERTIES

Density	Insulation class	Water Absorption
g/cm ³		mm ³
1.4	E-120C°	2%

MECHANICAL PROPERTIES

Compression strength //	Flexural strength	Flaking strength	Tensile strength	Impact strength ⊥	Hardness Rockwell
N/cm ²	N/cm ²	N	N/cm ²	Ncm/cm ²	HRM
15000	≥10000	6000	≥7000	≥300	≥50

ELECTRICAL PROPERTIES

Electrical voltage test ⊥	Reaction to fire
kV	Class HB
10	Burn slowly