

08-97 Epoxy Heater Plate

Composition

08-97 is a heat resistant Epoxy resin bonded mica plate. The binder content is kept very low and burns off during the initial exposure to heat. If sufficient air is available, no residue will remain. During operation, no deleterious matter is released, which could interfere with contacts such as thermostats. There are different grades available depending on the type of mica & binder content.

Applications

08-97 is used for heating elements in industrial and domestic heating appliances, but not for unsupported heating elements. The product has good mechanical strength and edge strength.

Product Data

Property	Unit	Value
Thickness range	mm	0.2 - 100
Thickness tolerance	mm	As per NEMA FI -1-1996.
Binder content	%	6 ± 3
Dielectric strength	kV/mm	> 20

Different Grades

Code No.	Mica type	Binder Content, %
08-97-02	6 1st / 6 DL / 6 TL Ruby	6 – 8
08-97-04	6 1st Ruby	3 – 5

Available size of sheets

1050 mm X 780 mm ± 10 mm