

GENERAL

LAMICANITE 402 is an insulating material specially developed for manufacture of supports for open and closed heating elements and cover plates in closed heating elements.

LAMICANITE is made of Mica paper sheets bonded together by silicone resin under heat and pressure. The above material is classified as H Class and has a temperature index of 180 and above.

APPLICATION:

Used as insulation ring, washers, supporters and cover plate of high temperature resistance elements and is used in the following: Household appliances such as toasters, hair driers, coffee machines, hot plates, irons etc. Industrial appliances such as heating rings, industrial heating appliances, thermal screens, furnaces etc.

PROPERTIES AND CHARACTERISTICS:

Standard size and thickness	Test Method
Thickness: 0.10mm to 10 MM Size: 570mm x 950mm	IEC 60371-2

Note: Sheets to any other thickness can be manufactured to special order.

CHARACTERISTICS

Mica content	%	87 ± 3	IEC - 60371-2
Binder Content	%	13 ± 3	IEC - 60371-2
Density	g/cm ³	2.0	IEC - 60371-2
Ignition loss (after 2 hrs at 5000 C)	%	1.0 max	IEC - 60371-2
Water absorption after 24 Hrs @ 30° C water	%	0.5 max	IEC - 60371-2
Tensile Strength	N/cm	≥ 600	IEC - 60371-2
Breakdown Voltage	KV /mm	20 min	IEC - 60371-2

SUPPLY:

Material will be supplied in sheet form with standard size or as per customers requirement.

SHELF LIFE

There is no shelf life for this material. However it is advised to use within 24 months from the date of manufacturing.

WORK HYGIENE:

While using LAMICANITE 402 we recommend to follow the necessary Health & Safety Standards.

Rev. 00 / Issue Date: 11.01.2010

LIABILITY: All the above information is based on our own research and experience. We cannot however offer any Guarantee for the information as the manufacturer himself is responsible for any article made with our product. Neither do we accept Liability for any damage which could be caused by the information given hereby

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