

#### GENERAL

LAMICANITE S806 sheet is 'C'stage material manufactured by bonding of mica splittings using alkyd vinyl resin as binder, giving the material maximum resistance to flow under high thermal and compressive stresses. The mica plate is used for demanding applications such as mica segments in DC traction motor commutators. Sheets after pressing and curing have a temperature index of 155 and above.

#### APPLICATION

LAMICANITE S806 components are used as insulation commutators segments of direct current rotary electric motors.

#### COMPOSITION

Mica : 94 to 97 %.  
Binder : 3 to 6 %.

#### PRODUCT CHARACTERISTICS:

Characteristics		Unit	Typical Values
Thickness		mm	0.70 to 1.80
a) Tolerance:			
	Thickness (Avg)	mm	± 0.03
	Thickness (Ind)	mm	± 0.05
b) Length		mm	± 10
c) Width		mm	± 10
Breakdown Voltage		KV/mm	≥ 8
Density		g/c <sup>3</sup>	2.50 ± 0.30

#### SUPPLY:

LAMICANITE S806 sheets are available in 780 MM X 950 MM. Sufficient care will be taken towards packing and forwarding

#### STORAGE & HANDLING INSTRUCTIONS:

LAMICANITE S806 must be kept under controlled temperature condition. Keep away from dust and moisture.

#### SHELF LIFE

At standard temperature of 23 ± 5°C . 50% RH -12 months

#### WORK HYGIENE:

While using LAMICANITE S806 we recommend to follow the necessary Health & Safety Standards.

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**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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