

Material Type: Heat and electric insulating material.

Classification Temperature: 1200 °C

Description

Micanite is an asbestos-free, environment and human-friendly material used for heat and electric insulating purpose. With its compression strength at high temperature and excellent heat and electric insulating characteristic, the product has a quite wide range of application. Thanks to its high dielectric coefficient, it provides excellent electric insulation in case of high voltage applications.

Features

Colour : Gray
 Thermal Conductivity (at room temperature) : 0.05 – 0.20 W/m.K
 Dielectric Coefficient (at room temperature) : >4-6 kV
 Binder used : Silicone resin



Applications

- Induction furnaces.
- Arc furnaces.
- Glass industry.
- High voltage insulation.
- Gas distribution facility flange connections.
- Domestic appliances.

Product Name	Product Type	Dimensions (mm)
Mica	Flexible micanite	20000 - 40000 x 1000 x 0,3 - 0,5 (±%10)
Lux Mica	Glass fibre reinforced flexible micanite	20000 - 40000 x 1000 x 0,3 - 0,5 (±%10)
Mica Combi	Flexible micanite with one face coated with ceramic fibre paper	20000 - 25000 x 1000 x 2,0 - 2,5 (±%10)
Lux Mica Combi	Glass fibre reinforced flexible micanite with one face coated with ceramic fibre paper	20000 - 25000 x 1000 x 2,0 - 2,5 (±%10)
Mica Sheet	Micanite sheet	1220 x 1016 x 0,10 - 80 (±%10)

The values given herein are typical average values obtained in accordance with standard test methods and subject to normal manufacturing variations. They are supplied as technical data and may change without notice. Contact our company to obtain detailed information.