

Silicone Mica

(Phlogophite)



Rigid mica material for heating equipment is a kind of hard platelike insulate made of Phlogophite mixed with methyl silicone resins after pressed and baked.

It has high mechanical strength and good property of heat resistance. It can be used within 800°C or above for a long time. Now it has been widely used in metallurgy, chemical - engineering and electric industries, etc.

Type	Anti-Heat Temperature	Normal Thickness	Length and Width
HP ₅ (PH-1)	800 - 1000°C	0.2-1 or up distance 0.05	1000 x 600 1000 x 1200

Normal Thickness	Nominal Difference	
	Thickness of Test sample	Individual measuring value underground and grounded
0.20	±0.04	±0.05
0.30	±0.04	±0.05
0.40	±0.04	±0.06
0.50	±0.05	±0.07
0.60	±0.05	±0.07
0.80	±0.06	±0.08
1.00	±0.07	±0.10
Over 1.00	-	±10%

Item	Unit	Standard Value
Adhesive Content≤	%	12
Water Absorption≤	%	0.5
Dielectric Strength≥	MV/m*1.5mm	≥7
Fuming Time ≤	S	1.1 x 10 ¹⁴



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