

Technical Data Sheet

Material: Rigid Mica Sheet (Muscovite)

Property		Unit	Value
Availability	Standard Size	mm	1200 x 1000
		mm	600 X 1000
	Thickness	mm	0.1 - 100.0
Material	Mica	%	90
	Silicone	%	10
Mechanical	Density	g/cm ³	2.4 ± 0.1
	Tensile Strength	Mpa	>150
	Flexural Strength	Mpa	>230
	Compressive Strength	Mpa	>400
Electrical	Dielectric Strength	Kv/mm	>25
Thermal	Operating Temperature	° C	500-600 (M)
			700-800 (P)
	Specific Heat	J/kg °C	866
	Thermal Conductivity	W/m°K	< 0.16
Thermal Expansion	Perpendicular to Plane of the Plate	10 ⁻⁶ /°K	100
	Along the Plane of the Plate	10 ⁻⁶ /°K	10
Other	Weight Loss	%	<0.5
	Water Absorption	%	<0.2

The above data is collected from our tests in work, and does not constitute a specification thereby subjected to variation. No liability shall be implied or assumed from any given data.