

## Technique Data

Item		Unit	Rigid mica sheet	Rigid mica sheet	Flexible mica sheet	Flexible mica sheet
Mica Paper			Muscovite	Phlogopite	Muscovite	Phlogopite
Mica Content		%	> ca.90	> ca.90	> ca.90	> ca.90
Bond Content		%	< ca.10	< ca.10	< ca.10	< ca.10
Density		g/cm <sup>3</sup>	1.6-2.45	1.6-2.45	1.6-2.0	1.6-2.0
Heat Resistant	Continuous Services	°C	500-550	700-750	500-550	700-750
	Intermittent Services	°C	800	1000	800	1000
Heat Loss at 500°C		%	<1	<1	<1	<1
Heat Loss at 700°C		%	<2	<2	<2	<2
Flexural Strength		Mpa	>180	>140	<1	<1
Water Absorption		%	<1	<1	/	/
Dielectric Strength		KV/mm	>20	>20	>15	>15
Insulation Resistance 23°C		Ω.cm	1017	1017	/	/
Insulation Resistance 500°C		Ω.cm	1012	1012	/	/
Flame Resistance			90V0	90V0	90V0	90V0
Smoking Test		s	<4	<4	/	/



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