

To Order Parts & Warranty Information**1-800-780-3776****www.boilersupplies.com****MICA PRODUCTS AND GAUGE GLASS SPECIALISTS****Natural Mica Data Sheet**

Properties		Muscovite
Chemical formula		Kal AlSi 0 (OH)
Color		Ruby & Pale green
Specific gravity		2.7-3.0
Hardness	Mohs	2.8-3.2
Specific heat		0.206-0.209
Thermal Conductivity	Call sec C	16x10
Coefficient of Expansion	per C	(9-36)x10
Tensile Strength	kgf/mm	30-45
Compression Strength	kgf/mm	50-70
Modulus of Elasticity	kgf/mm	(14-21)x10
Calcining Temperature	C	600-800
Ignition Loss	(900 Cx 3Hrs)%	4-5
Acid Reaction	HSO	not affected
Alkali Reaction	NaOH	not affected
Dielectric Strength	kv/0.1 mm	18-25
Dielectric Constant	(1 MHz)	6-9
Power Factor	(50 Hz)%	0.01-0.03
Power Factor	(1 MHz)%	0.08-0.09
Resistivity	Ocm	10 -10