

SPECIFICATION SHEET

7850815 – Mica plastic film

Properties	Test method	Unit	Values
Mica content	IEC 371-2	%	ca.90
Bond content	IEC 371-2	%	ca.90
Thickness	IEC 371-2	Mm	0.2
Density	IEC 371-2	-	2.15 +/- 0.015
Heat resistance	-	-	-
Continuous service	-	°C	500
Intermittent service	-	°C	800
Edge strength	-	Kg/0.1mm	>1.3
Tensile strength	ISO 527	N.mm ⁻²	150
Flexural Strength	ISO 178	N.mm ⁻²	>180
Water absorption	IS 62	%	<1
Dielectric Strength	IEC 243	KV/mm	>25
Insulation resistance	IEC 93	Ω.cm	>10 ¹⁷
Insulation resistance 550°C	IEC 93	Ω.cm	>10 ¹²
Heat loss at 500°C	IEC 371-2	%	<1
Thermal Expansion			
Perpendicular to layer	-	10 ⁻⁶ .K ⁻¹	100
l parallel to layer	-	10 ⁻⁶ .K ⁻¹	10

QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY

Care should be taken in selecting the most suitable quality for each application.

Advice is available but final responsibility remains with the customer.