

Laminated Insulations & Plastics Ltd.

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Technical Data Sheet

SRBF Grade F1

Fine weave high quality fabric grade combines excellent mechanical strength with first class electrical properties and low water absorption. Thermal class "E".

Physical Properties

		Unit	Value
Cross Breaking strength		MPa	150
Impact strength, notched charpy		kJ/ m ²	8.8
Compressive strength	Flat wise	MPa	350
	Edge wise	MPa	200
Resistance to flat wise compression			1.4
Shear strength, flat wise		MPa	105
Water absorption	1.6mm	MG	55
Electrical strength in oil @ 90°C	1.6mm	%	7.2
	3.0mm	MV/m	4.9
	6.0mm		4.0
Electrical strength edgeways in oil @ 90°C		kV	23
Insulation resistance after immersion in water		M.ohms	10 ³
Comparative tracking index		V	110
Relative Density			1.35
Maximum working temperature	Continuous	°C	120
	Intermittent	°C	130
Standard sheet size			1.2m x 1.2m
Standard thickness range		mm	0.8 - 150

Colour: Golden

Specification to BS 2572

These are typical average values and do not constitute a specification. It is the responsibility of the customer to assess the suitability of the product for use.