

Laminated Insulations & Plastics Ltd.

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Technical Data Sheet

SRBF Grade F3

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	130
Impact strength, notched charpy		kJ/ m ²	13.5
Compressive strength	Flat wise	MPa	315
	Edge wise	MPa	185
Resistance to flat wise compression			1.6
Shear strength, flat wise		MPa	100
Water absorption	1.6mm	MG	100
Electrical strength in oil @ 90°C	1.6mm	%	3.5
	3.0mm	MV/m	2.3
	6.0mm		1.8
Electrical strength edgeways in oil @ 90°C		kV	10
Insulation resistance after immersion in water		M.ohms	10 ²
Comparative tracking index		V	110
Relative Density			1.35
Maximum working temperature	Continuous	°C	120
	Intermittent	°C	130
Standard sheet size		mm	1220 x 1220
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.

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