

Laminated Insulations

& Plastics Ltd.

Tel: +44 (0) 1246 475077 Adelphi Way Fax: +44 (0) 1246 474439
Ireland Industrial Estate
Staveley
Derbyshire
S43 3LS

Technical Data Sheet

SRBP Grade P2

Intermediate electrical grade with good electrical and mechanical properties, suitable for use in oil. Thermal class "E".

Physical Properties

		Unit	Value
Cross Breaking strength		MPa	165
Impact strength, notched charpy		kJ/ m ²	3.5
Compressive strength	Flat wise	MPa	320
	Edge wise	MPa	170
Resistance to flat wise compression			1.3
Shear strength, flat wise		MPa	100
Water absorption	1.6mm	MG	65
Electrical strength in oil @ 90°C	1.6mm	%	13.0
	3.0mm	MV/m	11.0
	6.0mm		7.5
	12.0mm		5.4
Electrical strength edgeways in oil @ 90°C		kV	25
Insulation resistance after immersion in water		M.ohms	10 ⁵
Loss tangent @1MHz		Tan	0.037
Permittivity @ 1MHz			4.5
Comparative tracking index		V	110
Relative Density			1.35
Maximum working temperature	Continuous	°C	100
	Intermittent	°C	120
Standard sheet size		mm	1220 ²
Standard thickness range		mm	0.8 / 75

Colour: Red/Brown
Specification to BS 2572 type P2/1

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.

E-mail: sales@lamins.co.uk

Reg.No. 2706687
VAT No. 593 3057 27