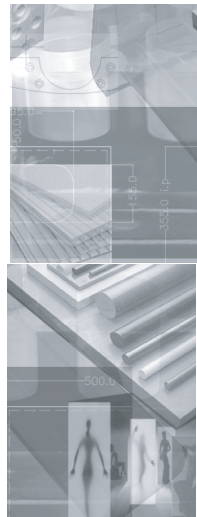




TUFNOL Grade 1P/13 (Paper Laminates)

Technical information sheet



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Property	Typical Results	Units
Cross breaking strength	175	MPa
Impact Strength notched, charpy	3.9	kJ/m ²
Compressive strength flatwise	100	MPa
Tensile strength	164	MPa
Youngs modulus	10.4	%
Water absorption		
- 1.6mm thk	65	mg
- 3mm thk	80	mg
- 6mm thk	100	mg
- 12mm thk	150	mg
Electric strength edgewise in oil at 90 °C		
- 1.6mm thk	10	MV/m
- 3mm thk	6.2	MV/m
- 6mm thk	4.0	MV/m
Electric strength edgewise in oil at 90 °C	25	kV
Insulation resistance after immersion in water	5x10 ⁸	ohms
Loss tangent at 1 MHz	0.04	-
Permittivity at 1 MHz	5.4	-
Relative density	1.36	-
maximum working temperature**		
- continuous	90	°C
- intermittent	120	°C
Thermal classification	Class E	-

Test methods as BS 2572, where applicable

SPECIFICATIONS

British Standards

Sheet: BS EN 60893 Type PF CP 201

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