

Atlas fibre Company

LINEN PHENOLIC LE

Material Specifications Data Sheet

SPECIFIC GRAVITY	1.34
TENSILE STRENGTH (psi)	13,000
COMP. STRENGTH (psi)	36,000
FLEXURAL STRENGTH (psi)	16,000
HARDNESS, M SCALE	100
BOND STRENGTH (psi)	1900
SHEAR STRENGTH (psi)	13,500
DISSIPATION FACTOR 10 ⁶ cycles, Cond A	0.065
DIELECTRIC CONSTANT 10 ⁶ cycles, Cond A	5.70
ELECTRIC STRENGTH V/MIL Cond A	625
FLAMMABILITY RATING	94HB
MAX OPER. TEMP °C	125
COEFF. THERMAL EXP. IN/IN/°C X 10-5	1.80
WATER ABSORPTION % - 24 hrs	1.90
MILITARY/FED SPEC	Mil-I- 24768/13 Type FBE

All values given are average based on test samples. The performance characteristics attributed to the products described herein are based on assumptions of general and reasonable use. As results cannot be predicted or guaranteed for any specific set of conditions, each user should make their own determination of these products' suitability for their particular application. 12/2013