

Atlas fibre Company

CANVAS PHENOLICE CE

Material Specifications Data Sheet

SPECIFIC GRAVITY	1.37
TENSILE STRENGTH (psi)	10,000
COMP. STRENGTH (psi)	36,000
FLEXURAL STRENGTH (psi)	16,000
HARDNESS, M SCALE	100
BOND STRENGTH (psi)	1900
SHEAR STRENGTH (psi)	14,000
DISSIPATION FACTOR 10 ⁶ cycles, Cond A	0.048
DIELECTRIC CONSTANT 10 ⁶ cycles, Cond A	5.50
ELECTRIC STRENGTH V/MIL Cond A	550
FLAMMABILITY RATING	94HB
MAX OPER. TEMP °C	125
COEFF. THERMAL EXP. IN/IN/°C X 10-5	2.00
WATER ABSORPTION % - 24 hrs	2.00
MILITARY/FED SPEC	Mil-I- 24768/14 Type FBG

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