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NOMENCLATURE

N	calibration factor, dimensionless
V	potential difference of the transducers, V
F	maximum load applied, N
f	flexural strength, N.mm ⁻²
l	distance between the axes of the support rollers, mm
b	width of specimen, mm
d	depth of the specimen, mm

Greek symbols

λ	thermal conductivity, W.m ⁻¹ . K ⁻¹
ΔT	temperature difference between the two faces of the test, K
Φ	heat flux, W
σ	compressive tension, MPa
ε	deformation, dimensionless