

# Chart 10: T-Expansion coefficient, $\alpha$ , against T-conductivity, $\lambda$

The chart for assessing thermal distortion. The contours show value of the ratio  $\lambda/\alpha$  (W/m). Materials with a large value of this design index show small thermal distortion. They define the guide line

(a)  $\lambda/\alpha = C$  (minimization of thermal distortion)

The value of the constant  $C$  increases towards the bottom right.

