

### **radiation constants**

Fundamental physical constants characterizing black body radiation. The first radiation constant is  $c_1 = 2\pi hc_0^2 = 3.741\ 7749\ (22) \times 10^{-16}\ \text{W m}^2$ , the second is  $c_2 = hc_0/k = 1.438\ 769\ (12) \times 10^{-2}\ \text{m K}$ , where  $h$  is the *Planck constant*,  $c_0$  the speed of light and  $k$  the *Boltzmann constant*.

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