**absorbed (spectral) radiant power density**

*Spectral radiant energy* per time interval (*spectral radiant power*, $P_\lambda$) absorbed by a system per volume, $V$. SI unit is W $m^{-4}$; common unit is W $cm^{-3}$ $nm^{-1}$.

Note 1: Mathematical expression: $\frac{P_\lambda^0\ [1-10^{-A(\lambda)}]}{V}$, where $A(\lambda)$ is the *absorbance* at *wavelength* $\lambda$ and superscript 0 (zero) indicates incident radiant power.

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