

transmittance, T , τ

The ratio of the transmitted radiant power (P_λ) to that incident on the sample (P_λ^0):

$$T = P_\lambda / P_\lambda^0$$

Internal transmittance refers to energy loss by absorption, whereas the total transmittance is that due to absorption, reflection, scatter, etc.

See *absorbance*, *attenuance*, *Beer–Lambert law*.

1996, 68, 2281; G.B. 32; 1996, 68, 996