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wavenumber, σ, $\tilde{\nu}$

The reciprocal of the wavelength, λ, or the number of waves per unit length along the direction of propagation. The SI unit is m^{-1}, but a commonly used unit is cm^{-1}. Symbols $\tilde{\nu}$ in a vacuum, σ in a medium.

Source:
PAC, 1996, *68*, 2223 *(Glossary of terms used in photochemistry (IUPAC Recommendations 1996))* on page 2283
PAC, 1985, *57*, 105 *(Names, symbols, definitions and units of quantities in optical spectroscopy (Recommendations 1984))* on page 109
Green Book, 2nd ed., p. 30

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