

# Glossary

## Base Units

**ampere** (A) electric current

**candela** (cd) luminous intensity

**kelvin** (K) thermodynamic temperature

**kilogram** (kg) mass

**metre** (m) length

**mole** (mol) amount of substance

**second** (s) time

## Derived Units

**ampere per square metre** ( $\text{A m}^{-2}$ )  
density

**candela per square metre** ( $\text{cd m}^{-2}$ )  
luminance

**cubic metre** ( $\text{m}^3$ ) volume

**cubic metre per kilogram**  
( $\text{m}^3 \text{kg}^{-1}$ ) specific volume

**metre per second** ( $\text{m s}^{-1}$ ) velocity

**metre per second squared** ( $\text{m s}^{-2}$ )  
acceleration

**mole per cubic metre** ( $\text{mol m}^{-3}$ )  
concentration

**per metre** ( $\text{m}^{-1}$ ) wave number

**square metre** ( $\text{m}^2$ ) area