

# Glossaries

## Base Units

<b>ampere</b> (A) electric current	<b>kilogram</b> (kg) mass
<b>candela</b> (cd) luminous intensity	<b>metre</b> (m) length
<b>kelvin</b> (K) thermodynamic temperature	<b>mole</b> (mol) amount of substance
	<b>second</b> (s) time

## Derived Units

### A

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

### C

**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

### M

**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

### P

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

### S

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