

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 (A m^{-2})
density

candela per square metre (cd m^{-2})
luminance

cubic metre (m^3) volume

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

metre per second (m s^{-1}) velocity

metre per second squared (m s^{-2})
acceleration

mole per cubic metre (mol m^{-3})
concentration

per metre (m^{-1}) wave number

square metre (m^2) area