

MOLALITY (M)

The molality of a solution is defined as the number of moles or gram molecules of solute dissolved in 1000 grams of the solvent.

$$\text{Molality of a solution} = \frac{\text{Number of moles of solute}}{\text{Amount of solvent in kg.}}$$

$$\text{Amount of solvent in kg.} = \frac{\text{Number of moles of solute} \times 1000}{\text{Amount of solvent in grams.}}$$

- It is independent of temperature