

Title: Latent heat explained

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latent heat, energy absorbed or released by a substance during a change in its physical state (phase) that occurs without changing its temperature.

Latent heat is the heat required to transform a solid into a liquid or vapour phase. It is known by several names depending on its phase, such as the heat of condensation, the heat of ...

Latent heat is the energy a substance absorbs or releases as it changes its physical state, such as from a solid to a liquid or a liquid to a gas. This energy transfer occurs without any change in ...

Latent heat is the energy absorbed or released during phase changes like melting and boiling. Latent heat of fusion and vaporization are key processes involving energy changes in matter. ...

Latent heat is energy released or absorbed by a body or a thermodynamic system during a constant-temperature process. Two common forms of latent heat are latent heat of fusion (melting) and latent ...

When a material changes phase, it absorbs or releases latent heat. It does this without changing temperature. The equation that describes this is $Q = mL$.

Learn what latent heat is, its types, formula, and how it affects daily life. Perfect for students and science questions.

It is the energy required to change a substance's state without changing its temperature, like when ice melts or water boils. Discovered by Joseph Black in the 18th century, it comes in two types: latent ...

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