

DIFFUSIVITY

Meaning: Diffusivity is the measure of how quickly a substance spreads or mixes within a medium, particularly in the context of chemical reactions and gas behavior.

1. Diffusivity is a critical factor in determining how quickly substances can mix in chemical reactions.
2. The researchers measured the diffusivity of the gas to understand its behavior in different atmospheric conditions.
3. In materials science, diffusivity plays a key role in the heat transfer properties of various compounds.
4. Understanding the diffusivity of pollutants is essential for predicting their spread in environmental studies.
5. The study highlighted the relationship between temperature and the diffusivity of liquids in porous media.

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