

electron affinity *(e-lec-tron-af-fin-i-ty)*

Definition

n. the amount of energy released when an electron is added to a neutral atom in the gaseous state, indicating the tendency of an atom to gain an electron.

Example Sentence

The **electron affinity** of chlorine is higher than that of sodium, meaning chlorine more readily accepts an electron.

More Example Sentences

Understanding **electron affinity** is crucial for predicting how elements will react in chemical reactions.

Synonyms

electron gain enthalpy; electron attachment energy

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