

ionization energy *(ion-i-za-tion-en-er-gy)*

Definition

n. the amount of energy required to remove an electron from an atom or ion in its gaseous state. it is a fundamental property of elements that influences their chemical reactivity.

Example Sentence

The **ionization energy** of helium is higher than that of hydrogen, making it less reactive.

More Example Sentences

Understanding **ionization energy** helps chemists predict how elements will behave in reactions.

Synonyms

electron affinity; ionization potential

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