

specific heat *(spe-cif-ic-heat)*

Definition

n. The amount of heat required to raise the temperature of one gram of a substance by one degree Celsius (or one Kelvin).

Example Sentence

Water has a high **specific heat**, which is why it takes longer to heat up compared to other substances.

More Example Sentences

The **specific heat** of a material is an important factor in designing heating systems.

Synonyms

thermal capacity; heat capacity; calorific capacity

Antonyms

nonequivalent term; unrelated term; non-thermal property

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