

electrical conductivity

 (*e-lec-tri-cal-con-duc-ti-vi-ty*)

Definition

n. The degree to which a specified material conducts electricity, calculated as the reciprocal of the material's resistivity.

Example Sentence

Copper is often used in electrical wiring due to its high **electrical conductivity**.

More Example Sentences

The **electrical conductivity** of a material can change with temperature.

Synonyms

conductance; electrical transmission; electric permeability

Antonyms

resistivity; insulation; nonconductivity

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