

DIELECTRIC

Meaning: Dielectric: a non-conductive material that can store electrical energy in an electric field, commonly used in capacitors and influencing the performance of electronic devices.

1. A dielectric material is essential for the function of capacitors in electronic circuits.
2. The properties of a dielectric can greatly influence the performance of a microwave oven.
3. Research in dielectric nanomaterials is paving the way for advancements in energy storage systems.
4. In physics, dielectrics are characterized by their ability to become polarized in an electric field.
5. Understanding the behavior of dielectrics is crucial for improving insulation in power lines.

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