

POLARIZABLE

Meaning: Polarizable: capable of being distorted in electron distribution in response to an external electric field.

1. Some materials are highly polarizable, allowing them to respond effectively to external electric fields.
2. In the study of molecular chemistry, certain compounds are considered polarizable due to their electron distribution.
3. The concept of polarizable molecules is crucial in understanding intermolecular interactions in various substances.
4. Researchers are exploring polarizable systems to improve the efficiency of electronic devices.
5. When light interacts with polarizable particles, interesting phenomena such as scattering can occur.

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