

PARAMAGNETIC

Meaning: Paramagnetic refers to materials that exhibit a weak attraction to magnetic fields due to the presence of unpaired electrons.

1. Paramagnetic materials exhibit a weak attraction to magnetic fields due to unpaired electrons.
2. The paramagnetic properties of oxygen can be observed in its behavior in a magnetic field.
3. Scientists study paramagnetic compounds to explore their potential applications in various technologies.
4. When cooled to low temperatures, certain paramagnetic substances can show a significant increase in magnetic susceptibility.
5. Understanding the paramagnetic behavior of materials is crucial for advancements in magnetic resonance imaging.

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