

MAGNETIZATION

Meaning: Magnetization is the measure of the magnetic moment per unit volume of a material, influenced by its intrinsic properties and external magnetic fields.

1. The magnetization of the material depends on its intrinsic properties and external magnetic field.
2. In physics, magnetization is defined as the magnetic moment per unit volume of a material.
3. The process of magnetization can be influenced by temperature and the duration of exposure to a magnetic field.
4. When the magnetization reaches saturation, the material can no longer increase its magnetic strength despite additional field exposure.
5. Scientists use various techniques to measure the magnetization of different substances in order to understand their magnetic behavior.

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