

# PYROELECTRIC

*Meaning: Pyroelectric refers to the property of certain materials to generate an electric charge in response to changes in temperature.*

1. The researchers were excited to discover the pyroelectric properties of the newly synthesized material.
2. Pyroelectric sensors are commonly used in motion detection systems for security alarms.
3. Understanding pyroelectricity can lead to advancements in energy harvesting technologies.
4. The unique characteristics of pyroelectric crystals make them ideal for thermal imaging applications.
5. Scientists are exploring the potential of pyroelectric devices for powering small electronics from body heat.
6. Pyroelectric materials generate an electric charge in response to temperature changes.
7. Researchers are exploring the use of pyroelectric sensors for energy harvesting applications.
8. The pyroelectric effect can be observed in certain crystals when they are heated or cooled.
9. Advancements in pyroelectric technology could lead to more efficient thermal energy conversion devices.
10. Scientists are investigating how to enhance the performance of pyroelectric generators in sustainable energy systems.

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