

# ZIRCONIUM

*Meaning: Zirconium is a chemical element (Zr) known for its strong resistance to corrosion and low neutron absorption, commonly used in nuclear reactors and medical applications like dental implants.*

1. Zirconium is widely used in the manufacturing of nuclear reactors due to its low absorption of neutrons.
2. The properties of zirconium make it an ideal material for dental implants and prosthetics.
3. Researchers are exploring new alloys of zirconium to enhance its strength and corrosion resistance.
4. Zirconium dioxide is often utilized as a ceramic material for various industrial applications.
5. Due to its biocompatibility, zirconium is increasingly popular in the field of biomedical engineering.

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