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Metals

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Metals are inorganic solid substances at room temperature, except the mercury (Hg). Metals have a defined shape and volume, where on a microscale there we see a regular pattern of repeating atoms known as crystal lattice having structural characteristics, like crystal structure, close packing, and metallic bonding. Metals have large atomic radii, low ionization energies, and low electronegativity. Metals have several physical and mechanical properties.