This table is comprehensive and lists more properties than you needed to list.

Property	Covalent Molecular Substance	Ionic Compound	Metal
Hardness	Soft, easily breakable	Hard, brittle	Malleable
Melting Point	Low, often below room temperature	High (700 - 3500 °C)	Usually above room temp.
Boiling Point	Low, can be below room temp.	High (above 800 °C)	Above room temp.
Elec. Conductivity	Low as solid or liquid	Low (solid); high (liquid)	High as solid or liquid
Water Solubility	Variable, depending on structure	Often soluble	Very low unless reactive with water