

- **Physical property** – a characteristic of a substance that can be observed or measured without changing the composition of the substance
 - **Density** – the amount of matter per unit volume. $D = M/V$
 - **Melting point** – the temperature at which a solid becomes a liquid
 - **Boiling point** – the temperature at which a liquid becomes a gas
 - **Viscosity** - the quantity that describes a fluid's resistance to flow. As temperature increases viscosity decreases.
- **Intermolecular forces** – the forces that hold neighboring molecules together
 - **Dipole-dipole forces** - attractive forces between the positive end of one polar molecule and the negative end of another polar molecule
 - **Van der Waals forces** – weak forces that involve the attraction of the electrons of one atom for the protons of another atom