

Types of Properties

Physical

Chemical



Physical Property - A characteristic of a substance; identity of substance is **not changed**

Pull



Chemical Property - A characteristic of a substance; the identity of the substance is **changed**.

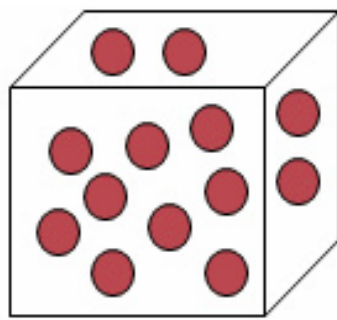
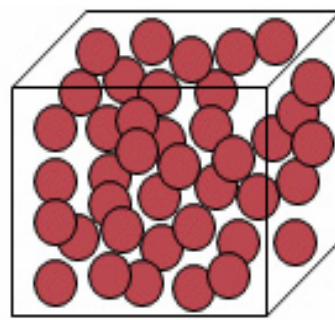
Pull

Physical Properties	Chemical Properties
viscosity magnetism color conductivity size boiling point luster melting point hardness density odor	flammability tarnish corrosion rust radioactivity reactivity

Try It!

Identify each as a physical or chemical property.

- 1) is shiny and silvery P
- 2) melts at 0°C P
- 3) burns in air C
- 4) has a density of 2.3 g/cm^3 P
- 5) tarnishes in moist air C

**Box A****Box B**

$$d = \frac{m}{V}$$