

## Physical Properties of Matter

- Can be observed or measured without changing the composition of the matter (molecule)

Properties that depend on the amount (Extensive)	Properties that don't depend on the amount (Intensive)
mass	Density (mass ÷ volume)
weight	hardness
volume	color
length/height	boiling point
shape	freezing/melting point
	luster
	odor
	malleability
	ductility
	conductivity
	solubility
	texture

## Chemical Properties of Matter

- Can only be observed during or after a chemical change.
- Describes HOW something changes into a new substance.

Acidity
Reactivity
Flammability
Heat of combustion
Radioactivity
Ability to corrode or oxidize