

# PROPERTIES OF MATTER

Complete with the properties of matter.



VOLUME	THERMAL CONDUCTIVITY	SOLUBILITY
DENSITY	MASS	HARDNESS

	It is the <b>amount of matter</b> in an object. We measure it in <b>grams or kilograms</b> .
	It is the <b>amount of space</b> an object occupies. We measure it in <b>litres or millilitres</b> .
	It is the ability of certain objects to <b>conduct or transfer heat</b> . Most <b>metals</b> are good heat conductors.
	It is the ability of a substance to <b>dissolve</b> in another substance.
	It is the <b>scratch-resistance</b> of a solid. Diamonds are the hardest natural solids.
	It is the <b>amount of matter in a volume</b> . We measure density in kilograms per litre (Kg/l).  It explains why some objects float in water while others sink.