

# PROPERTIES OF MATTER

Complete with the properties of matter.



VOLUME	THERMAL CONDUCTIVITY	SOLUBILITY
DENSITY	MASS	HARDNESS

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