

Physical properties of a material are qualities that can be detected using our five senses or a measuring device.

Match the following physical properties with their definitions:

Flexibility

It is the ability of one substance to **dissolve** into another substance.

Hardness

It is the ability to **bend** without breaking and return to its original shape after bending.

Solubility

It is the ability to **scratch or resist being scratched** by other materials.

Magnetism

It is the ability of a material to **return** to its **original size and shape** after being **stretched**.

Transparency

It is the ability of a material to be **attracted** to a **magnet**.

Elasticity

It describes how well **light passes through** a material.

Texture

It is the property that describes how the **surface** of a substance **feels**.

Electrical conductivity

It is the ability of a material to **conduct heat**.

Thermal conductivity

It is the ability of a material to **conduct electricity**.