MATERIALS

Properties of materials

Hardness	Resistance to scratching, denting or being worn away.
Toughness	Ability to absorb impact without breaking.
Malleability	Can be hammered or pressed into shape without cracking.
Ductility	Can be drawn out into a wire.
Elasticity	Returns to its original shape after being stretched or squashed.
Conductivity	How well heat or electricity passes through a material.
Corrosion resistance	Resistance to being damaged by chemical reaction, such as rusting.