

Properties of Materials and Definitions

Match up the correct definitions of these properties and write either in the grid below or write them in your book.

Property	Definition
magnetic	
reflective	
absorbent	
permeable	
translucent	
flexible	
hard	
flammable	
insulating	
transparent	

Is attracted to magnets.	Easy to bend.
Will bounce light off its surface.	Will easily catch fire and burn quickly.
Is able to soak up liquid easily.	Solid, firm and rigid, not easily broken, scratched or pierced.
Will allow liquids and gasses to pass through it.	Will stop energy such as electricity or heat from transferring through.
Will let some light pass through them but not enough to see detailed shapes.	Light passes through easily and objects are seen clearly.

Answers:

magnetic	Is attracted to magnets.
reflective	Will bounce light off its surface.
absorbent	Is able to soak up liquid easily.
permeable	Will allow liquids and gasses to pass through it.
translucent	Will let some light pass through them but not enough to see detailed shapes.
flexible	Easy to bend.
hard	Solid, firm and rigid, not easily broken, scratched or pierced.
flammable	Will easily catch fire and burn quickly.
insulating	Will stop energy such as electricity or heat from transferring through.
transparent	Light passes through easily and objects are seen clearly.