|  |  |
| --- | --- |
| **Property** | **Definition**A material that… |
|  | lets light through (you can see through it). |
|  | does not let any light through (you cannot see through it). |
|  | is resistant to liquid, does not let liquid through and does not soak up liquid. |
|  | soaks up a liquid and lets water pass through it. |
|  | is easy to bend. |
|  | is difficult to bend. |
|  | is resistant to scratching and pressure. |
|  | is attracted to magnets. |
|  | conducts heat. (Heat can travel through them easily.) |
|  | is an insulator of heat. (Heat can’t travel through them easily.) |
|  | conducts electricity. (Electricity can travel through it easily.) |
|  | is an insulator of electricity. (Electricity can travel through it.) |

|  |  |  |
| --- | --- | --- |
| * Opaque
* Transparent
* Waterproof
* Magnetic
 | * Thermal conductor
* Hardness
* Rigid
* Electrical insulator
 | * Flexible
* Thermal insulator
* Electrical conductor
* Absorbent
 |

|  |  |
| --- | --- |
| **Property** | **Definition**A material that… |
| Transparent | lets light through (you can see through it). |
| Opaque | does not let any light through (you cannot see through it). |
| Waterproof | is resistant to liquid, does not let liquid through and does not soak up liquid. |
| Absorbent | soaks up a liquid and lets water pass through it. |
| Flexible | is easy to bend. |
| Rigid | is difficult to bend. |
| Hardness | is resistant to scratching and pressure. |
| Magnetic | is attracted to magnets. |
| Thermal conductor | conducts heat. (Heat can travel through them easily.) |
| Thermal insulator | is an insulator of heat. (Heat can’t travel through them easily.) |
| Electrical conductor | conducts electricity. (Electricity can travel through it easily.) |
| Electrical insulator | is an insulator of electricity. (Electricity can travel through it.) |

Answers