

hard

soft

smooth

rough

flexible

rigid

malleable

absorbent

brittle

waterproof

translucent

opaque

transparent

conductor

insulator

conductor

insulator,

magnetic

non-  
magnetic

soluble

|   |  |
|---|--|
| Solid and firm; not easily broken, bent, or pierced                   | Easy to mould, cut, compress, or fold; not hard or firm to the touch |
| Having an even and regular surface; free from lumps or indentations   | Having an uneven or irregular surface; not smooth or level           |
| Capable of bending easily without breaking                            | Unable to bend or be forced out of shape                             |
| Able to be moulded or pressed into shape without breaking or cracking | Able to soak up liquid easily  |
| Hard but liable to break easily                                       | Not allowing water to pass through                                   |

|  |  |
|--|--|
| Allowing light, but not details of shapes, to pass through                   | No light will pass through; not able to be seen through                |
| Allowing light to pass through so that objects behind can be distinctly seen | Material that transmits heat   |
| Material that transmits electricity  | A substance which does not readily conduct electricity                 |
| A substance which does not readily conduct heat                              | Being able to attract certain metals, like iron, steel, nickel, cobalt |
| Not having the attraction qualities of a magnet                              | Able to be dissolved, especially in water                              |