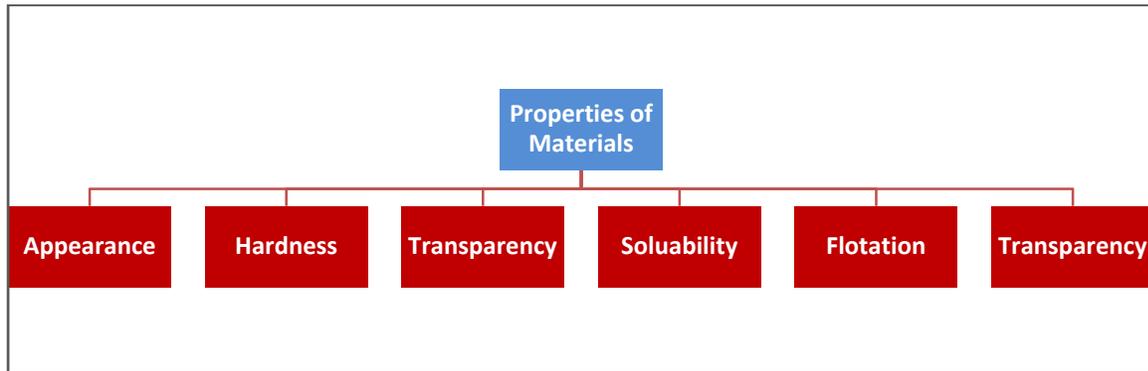


Properties of materials

The property of the material decides its usage. Like for example we use utensils made of metals because they are hard and heat resistant similarly tyres of automobiles are made of rubber. You cannot make utensils of rubber or electric wires of wood because rubber cannot withstand heat and wood is bad conductor of electricity and hence won't allow current to pass through it.

Let us discuss the various properties of materials.



Appearance

Take a gold earring, an eraser, a plastic box and wooden block. Now rub them with sandpaper. What do you see? The earring shines while the other items don't. It shines because it has luster. This property is found only in materials made of metals. Sometimes due to moisture they may lose luster but if you cut the metal or rub it with sandpaper you can see it shining.

The metals are luster while non-metals are no luster or dull.

The appearance of metals is silvery, golden, gray etc in nature.



Gold jewellery