

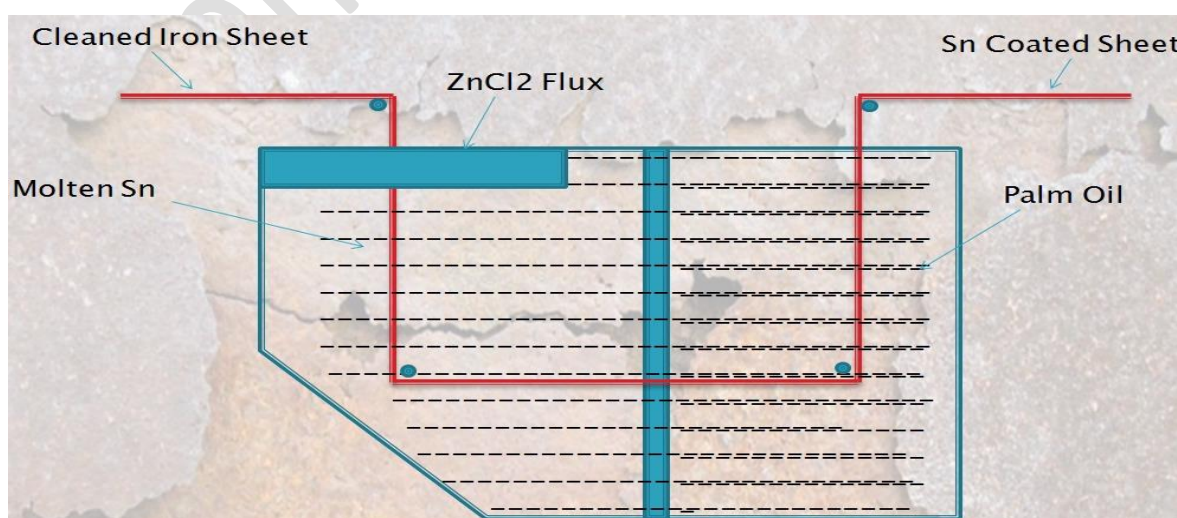
Tinning Process

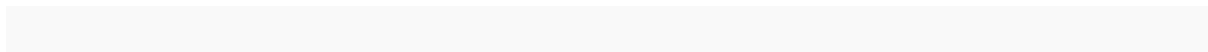
Tinning

It is the process of applying a protective Sn (Tin) coating to steel or iron, to prevent rusting. The common method of applying coating.

Process

1. Iron sheet first cleaned with conc. H_2SO_4 to remove acidic impurities.
2. Then with the help of rollers sheet is passed into water and washed with water.
3. Then it is dried in drying chamber.
4. It is then passed into ZnCl_2 flux to increase adhereness of tin on iron.
5. Then sheet is passed into molten tin where coating of Sn is made on iron sheet.
6. Then it is passed from Palm oil to prevent from further oxidation.





Chemistry Learners