

Q. Where are bio-degradable poly ? Write down any two uses of teflon & nylon 6,6,

⇒ It is a special class of polymer that breaks down its intended purpose by bacterial decomposition process. It results in natural byproducts such as (CO_2, H_2O) , water, inorganic salts.

Uses of teflon

- It is used in making waterproof fabric.
- It is used in non-stick cookware.
- It is used for coating medical appliances.

Uses of application of nylon 6,6.

- Used in making climbing ropes.
- Used in making bristles for brushes.
- Used in making automobile tubes.

Q What are fiber reinforced polymers? Application of in engineering.

⇒ FRPs are composite material made of polymers & fibers. Usually epoxy resins & carbons are used to make FRPs.

Application

- to make door, windows, chair etc
- to make switch, wires etc
- to make wall panels, pipes etc