

Biodegradable cutlery

Biodegradable cutlery is produced by reinforcement of natural fiber (Agro-waste) into matrix/resin which is a polymer of renewable resources, and is formed by compression or injection process. Biodegradable Tableware (spoon, fork, spork, bowl, khullad, plate, tea cup) can be used as alternate to the plastic tableware as natural biopolymers offer significant benefits such as degradability, biocompatibility, and biological safety as compared to plastic that persists in the environment with environmental hazards. The biodegradable cutlery is suitable for serving hot and cold meals (-30°C to 85°C). Biodegradability is within 180 days and compostable in 90 days in natural environment. Due to their biodegradable and durable nature it is targeted to meet packaging requirements of food products and extend the shelf life of products without harming the environment. Bio-degradable cutlery and tableware are an alternative to the non-biodegradable plastics to be utilized by services and civil population.



Biodegradable cutlery produced by injection moulding process