



Degradable material table

	Common degradation materials	Degradable materials	Degradation principle	Degraded products
Ordinary degradation materials	Photo-oxidized plastic	Ordinary petroleum-based plastics Oil-based plastics caused by interaction with sunlight Sub-chain break additives	Degradation by light	Plastic fragments
	Bioplastic	Mix natural substances such as starch, wheat flour, rice Rice flour or bamboo fiber Add it to traditional plastic Biodegradation	Microbial degradation	Plastic fragments
Compostable materials	Bio-based compostable material	From pulp, PLA, aliphatic Polyester (PHA), PBS, and natural materials Blends of two types of polymers	Microbial degradation	Carbon dioxide and water
	Petroleum-based compostable materials	Derived from oil, Such as polybutylene terephthalate (PBAT), Polyethylene glycol (PCL), PBS, etc.	Microbial degradation	Carbon dioxide and water