



MATERIALS MATRIX – BIO PLASTICS

Material	Abbreviation	Material Type	Renewable Material	Freezer Safe -18 deg C	Heat Safe + 80 deg C	Microwave	Compostable (Industrial)	Recyclable	Recycle Code	Products
Polylactic Acid	PLA	Bio Plastic Corn or Sugar Cane	😊	😊	😞	😞	😊	😞	7	Cups, Lids, Straws, Packaging and Coffee Cup Liners
Crystallised Polylactic Acid	CPLA	Crystallised Bio Plastic Corn or Sugar Cane	😊	😊	😊	😞	😊	😞	7	Cutlery, Cups & Lids
Recycled Crystallised Polylactic Acid	RCPLA	Recycled, Crystallised Bio Plastic Corn or Sugar Cane	😊	😊	😊	😞	😊	😞	7	Cutlery, Cups & Lids

Bio Plastics are normally certified to EU Regulation EN13432. This means that the product/material will decompose into natural products given the correct exposure to heat, light, moisture and oxygen. This will be found in industrial composting sites, many of which will not accept packaging into their facilities. Your customer will need to separate their waste and send it to the correct waste facility to ensure the product does not end up in landfill.