

DATA SHEET

PAPER CUP PLA

REFERENCE VS1001

PLA coated paper cup. Water or coffee cup made of cellulose with a PLA layer. PLA is a plastic of vegetable origin obtained from starch or sugar cane. This PLA layer is 100% food grade, whose origin is corn plastic PLA from raw materials. This makes these cups more environmentally responsible, as they are not only recyclable, but also compostable.

This cup is 100% compostable. This means that in addition to being biodegradable, it can decompose, and when it degrades it becomes compost or fertiliser. This avoids excess pollution in the environment and emissions into the atmosphere caused by the transformation of waste.

This cup has a capacity of 7oz, or in other words, **210ml**.
Designed in brown, the natural colour of cardboard, with a green stripe.

The product meets the requirements established with the standard(s) and regulation(s):

- ✔ Regulation (UE) N° 2019/37 of January 10, 2019 which alters or rectifies (UE) N.º 10/2011, about materials and plastic articles in contact with water.
- ✔ Regulation (EC) No. 1935/2004 of the European Parliament of 27 October 2004 on materials and articles intended to come into contact with food and with the provisions of Article 5 of the Quality Assurance System,

Migration analysis carried out by AENOR Laboratories:

- ✔ Global migration values in water (mg / dm²): <2 mg/Kg
- ✔ Specific heavy metals migration values in water

Barium (mg/ Kg) <0.1	Cobalt (mg/ Kg) <0.05	Copper (mg/ Kg) <0.5
Iron (mg/ Kg) <1	Litium (mg/ Kg) <0.6	Manganese (mg/ Kg) <0.6
Zinc (mg/ Kg) <0.5	Aluminium (mg/ Kg) <1	Nickel (mg/ Kg) <0.02
Antimony (mg/ Kg) <0.04	Arsenic (mg/ Kg) <0.01	Cadmium (mg/ Kg) <0.01
Calcium (mg/ Kg) <60	Crome (mg/ Kg) <0.01	Lead (mg/ Kg) <0.01
Magnesium (mg/ Kg) <60	Potassium (mg/ Kg) <60	Sodium (mg/ Kg) <60
Antimonium (mg/ Kg) <0.5	Europium (mg/ Kg) <0.05	Gadolinium (mg/ Kg) <0.05
Lanthane (mg/ Kg) <0.05	Terbium (mg/ Kg) <0.05	Mercure (mg/ Kg) <0.01
✔ <u>Aromatic amines result:</u> Primary aromatic amines in 20% ethanol (calculated as Aniline hydrochloride): <0.002 mg/Kg		



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Dimensions and weight

Diameter	70 mm
Height	92 mm
Density	190 gsm + 30 gsm
Capacity	210 ml

Materials

Layer in contact with water	PLA (Lactic polyacid)
External material	Cellulose

Supply Packaging

Units	50 units / bag
Units in the box	20 bags
Box size	36 cm x 29 cm x 37 cm

Recommendations

Storage temperature	From 5°C to 40°C (covered areas)
Humidity	0% - 100% (best dry locations)
Palletisation	Do not stack more than 6 high