

This specification describes articles of the material group



PLA – Poly-lactic acid

Material description

PLA forms through the production of lactic acid from glucose from fermentation. Then a polymerization is added to the resulting lactic acid in the second step. The glucose is obtained here by the grinding and subsequent saccharification from plants which contain starch. Production of PLA in the USA (NatureWorks® Polymer PLA).

PLA can be processed in similar plants as PE: injection moulding, deep-draw, sheet blowing. PLA consists of 100 percent renewable raw materials, has a high stiffness factor, is moisture and grease resistant and has a high gloss. The material is transparent, printable, bio-degradable, food-save but not heat resistant.

Product description

Picture	Description	Article numbers
	Portion cup and lid 95ml	N375, N376
	Portion cup and lid 59ml	N670, N671

Material / composition

PLA

Storage

Storage temperature: ambient
Relative humidity: dry
Storage conditions: keep away from direct sunlight

PRODUCT-SPECIFICATION__00722/e DECLARATION OF COMPLIANCE



Purpose of use

Types of food to be in contact with the material:

- all types of food

Applications:

- Temperature resistant up to 40°C
- Freezer -18°C
- Long-term storage at room temperature or below
- Single-use

NOT suitable applications:

- Oven
- Microwave

Declaration of compliance

These articles meet the following regulations :

- Regulation (EC) No 1935/2004** on materials and articles intended to come into contact with food
- Regulation (EU) No 10/2011** on plastic materials and articles intended to come into contact with food. And subsequent amendments until the date of the test report.
- Directive 94/62/EC** on packaging and packaging waste

Overall migration

The global migration values are according to Regulation (EU) No. 10/2011 below the limit of 10 mg/dm² and 60 mg/kg with the standard test parameters (10d).

Specific migration

- No substances with a specific migration limit are used.

PRODUCT-SPECIFICATION__00722/e DECLARATION OF COMPLIANCE



Production site: USA

Bio-degradability: The products are completely bio-degradable

Customs duty number: 3923.1090

Reclamation

Deliveries, which differ from the listed specifications, will be withdrawn and replaced after review.

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