

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, biodegradable, food-safe but not heat resistant.

	<p><b>Drinking glasses</b> Article numbers 5012 , 5013, N391, N146, N147, N197, N254, 2823, 2824, 2825</p>
	<p><b>Salad Shaker</b> Article numbers 2749</p>
	<p><b>Lid flat for Drinking glasses 2 dl / 2.5 dl</b> Article numbers 2828</p>
	<p><b>Lid flat with hole for Drinking glasses 2 dl / 2.5 dl</b> Article numbers 10379</p>
	<p><b>Dome lid with hole for Drinking glasses 2 dl / 2.5 dl</b> Article numbers 10063</p>

This information is based on our current level of know-how and knowledge. Specifications can be adjusted at any time without advance warning.

	<p><b>Lid flat for Drinking glasses 3 – 5 dl</b> Article numbers 2826</p>
	<p><b>Dome lid for Salad Shaker / Drinking glasses 3 – 5 dl</b> Article numbers 2827, N544</p>
	<p><b>Dome lid stackable for Salad Shaker / Drinking glasses 3 - 5 dl</b> Article numbers 11151</p>
	<p><b>Dome lid stackable with hole for Salad Shaker / Drinking glasses 3 – 5 dl</b> Article numbers 11645</p>
	<p><b>Shallow insert for Salad Shaker / Drinking glasses 3 – 5 dl and Dessert Cup 10051</b> Article numbers 11318</p>
	<p><b>Cup insert for Salad Shaker / Drinking glasses 3 – 5 dl and Dessert Cup 10051</b> Article numbers N347</p>
	<p><b>Brandy glass</b> Article numbers 3172</p>
	<p><b>Salad bowls and cover round</b> Article numbers 2757, 2758</p>

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	<p><b>Salad bowls with cover eight-pointed</b> Article numbers 5057</p>
	<p><b>Fruit / vegetable bowls</b> Article numbers 3493, 3494, 3496, 3499, 3483, 3487</p>
	<p><b>Cover Fruit / vegetable bowls</b> Article numbers 3483, 3487</p>
	<p><b>Delicatessen/Sauce cup and lid round</b> Article numbers N373, N374, N375, N376</p>
	<p><b>Lid square</b> Article numbers N279</p>
	<p><b>Salad bowl with cover square</b> Article numbers N579, N580, N581, N582, N584</p>
	<p><b>Salad bowl with cover square</b> Article numbers N583, N585</p>
	<p><b>Straws white</b> Article numbers N573</p>

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	<p><b>Straws green</b> Article numbers N574</p>
	<p><b>Straws black</b> Article numbers N575</p>
	<p><b>Sauce Cup / Lid</b> Article numbers 10048, 10049, 10050 / 10536</p>
	<p><b>Dessert Cup / Cup insert / Shallow insert / Lid</b> Article numbers 10051 / N347 / 11318 / N544, 11151</p>
	<p><b>Lid for dessert cup 10838, 11434 / 10839, 11435</b> Article numbers 10920 / 10921</p>
	<p><b>Lid flat for container N395/N396/N397</b> Article numbers 12012</p>
	<p><b>Lid flat for container 3456/3457</b> Article numbers 12049</p>

**Characteristics:**

Transparent, printable, moisture and grease-resistance, heat resistance up about 35°C maximum 15min. **(Not suitable for hot foods and beverages)**. Suitable for the short-term packaging and storage of foods

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**Bio-degradability:** The products are completely bio-degradable:

**Certificates:** Tested according to DIN EN 13432  
Certificate no. 7P0305  
Certificate no. 7P0306

**Special regulations:** These articles are suitable for direct contact with food according to test report SQTS 2012L45376, 2013L01262, 2013L01263, 2013L04278, 2013L05398 and comply with EU-regulation 2006/2023 regarding Good Manufacturing Practice.

**Customs duty number:** 3923.1000  
3923.3000  
3924.1000

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