naturesse

This specification describes articles of the material group

CPLA

Material description

CPLA is a modified PLA (Poly-lactic acid) and consists of 100 percent renewable raw materials.

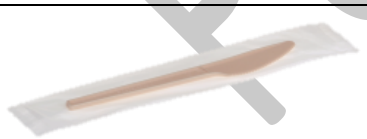
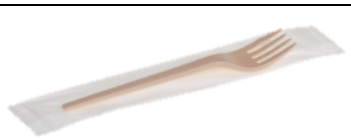
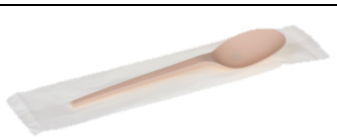
Product description

Picture	Description	Article number
White		
	Knife	N266, N801
	Fork	N267, N800
	Spoon	N268, N802
	Coffee spoon 128mm	N803
	Coffee spoon 102mm	N269
	Spork 124mm	N804

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Picture	Description	Article number
White		
	Ice cream spoon 98mm	14160
	Knife smart 165mm	14161
	Fork smart 165mm	14162
	Spoon smart 165mm	14163
	Cutlery set	10220
	Cutlery set	10046
	Coffee stirrer 131mm	11436
	Dome lid	2590, 2837, 15152, 15153

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Picture	Description	Article number
Beige		
	Knife CPLA 168mm	13029
	Fork 168mm	13028
	Spoon 168mm	13030
	Coffee spoon 128mm	13031
	Coffee spoon 128mm	17113
	Cutlery set	13032
	Cutlery set	13033
	Knife 168mm ind. wrapped in PBAT-bag	15206
	Fork 168mm ind. wrapped in PBAT-bag	15207
	Spoon 168mm ind. wrapped in PBAT-bag	15208

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Picture	Description	Article number
Black		
	Knife smart 165mm	16577
	Fork smart 165mm	16578
	Spoon smart 165mm	16579
	Coffee spoon smart 128mm	16707
	Cuttlery set smart CPLA, 4-part: K, F, S, napkin	19266
	Cuttlery set smart CPLA, 3-part: K, F, napkin	19267
	Cuttlery set smart CPLA, 2-part: Fork, napkin	19268
	Cuttlery set smart CPLA, 2-part: Spoon, napkin	19269
	Fork mini CPLA black 100mm	19348
	Spoon mini, CPLA black 100mm	19349

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Picture	Description	Article number
Black		
	Knife smart CPLA, black individually wrapped	19781
	Fork smart CPLA, black individually wrapped	19782
	Spoon smart CPLA, black individually wrapped	19783
	Dome lid for 2dl	19073
	Dome lid for 3dl	19074

Material / composition

CPLA is a modified PLA

Storage

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

Purpose of use

Types of food to be in contact with the material:

Cutlery:
☒ all types of food

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Lid:
☒ aqueous
☒ milky
☒ acid
☒ alcoholic

Applications:

☒ Hot filling up to 85°C
☒ Short-term contact
☒ Single-use

Declaration of compliance

These articles meet the following regulations :

☒ **Regulation (EC) No 2023/2006** on good manufacturing practice for materials and articles intended to come into contact with food

☒ **Regulation (EC) No 1935/2004** on materials and articles intended to come into contact with food and

☒ **Regulation (EU) No 10/2011** on plastic materials and articles intended to come into contact with food.

☒ **Directive 94/62/EC** on packaging and packaging waste

☒ **SR 817.023.21** The Swiss Ordinance on Materials and Articles in Contact with Food

Overall migration

Cutlery :
Tested under the following conditions (test report SQTS 2018L49392, 2018L49391):

Simulant	**Time**	**Temperature**
☒ B: Acetic acid 3 % (v/v)	2 h	70°C
☒ D2: Vegetable oil	2 h	70°C
☒ Alternative simulant ethanol 95 % (v/v)	2 h	70°C

Lid white:
Tested under the following conditions (test report 2017L06259):

Simulant	**Hot insert +**	**Time**	**Temperature**
☒ B: Acetic acid 3 % (v/v)	85°C	2 h	40°C
☒ D1: Ethanol 50 % (v/v)	85°C	2 h	40°C

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

Lid black:
Tested under the following conditions (test report 2018L34351):

Simulant	Time	Temperature
☒ B: Acetic acid 3 % (v/v)	2 h	70°C
☒ D1: Ethanol 50 % (v/v)	2 h	70°C

The global migration values are below the limit of 10 mg/dm² and 60 mg/kg.

Specific migration

Compliance with the regulations cited above is based, on the one hand, on the information provided by our suppliers, who do not disclose all ingredients to us due to secrecy, and on the other hand on our own migration tests, which we commissioned in order to validate the plausibility. Based on both the subcontractor's documents and own results, compliance with the specific migration can be confirmed.

☒ No substances with a specific migration limit are observed.

Calculation basis

☒ Ratio of food contact surface area to volume used to establish the compliance of the material or article: 6 dm²/kg

Dual-use additives

☒ The following dual-use additives may be included in the material:

Lactic Acid 50-21-5 E270
Talc 14807-96-6

Functional barriers

☒ No functional barriers are used.

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch

PRODUCT-SPECIFICATION_00318/e
DECLARATION OF COMPLIANCE

naturesse

Production site: China

Bio-degradability: The products are bio-degradable

Certificates: **Cutlery uncoloured:** tested according to DIN EN 13432, certificate No.: 7P0338
Dome lid uncoloured: tested according to DIN EN 13432, certificate No.: 7P0707

Customs duty number: 3924.1000

Reclamation

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

Created by: STOL **Date: 18.10.2019**	**Released by: MEI** **Andreas Meier (Head of Purchasing)** 	**Version: 5**

Pacovis AG, Grabenmattenstrasse 19, CH-5608 Stetten, Tel. +41 (0)56 485 93 93, Fax. +41 (0)56 485 93 00 www.pacovis.ch