

This specification describes articles of the material group

Palm leaf

Material description

The products are made out of discarded palm leaf cuts of the Adaka nut palm in India by a family business. The palm leaf cuts used are the remnants of the palms which normally rot on the ground. They are collected, cleaned with fresh well water, laid into a water bath and are mechanically pressed into a mould at 120 °C. The pressure process per individual piece lasts 45 to 90 seconds, depending on the size. No other additives are required for lamination etc. The post-drying process occurs in a oven heated with wood charcoal. Then the products are wrapped in film and cartons. Each article is unique and has its own structure.


Product description

Picture	Description	Article number
	Plate round	5031, 5033, 5037, 5039, 5041, 15340
	Plate square	5030, 5040
	Plate hexagonal	5032, 503
	Bowl rectangular	5034
	Punch bowl	5035, 5036

PRODUCT-SPECIFICATION_00196/e
DECLARATION OF COMPLIANCE

Picture	Description	Article number
	Dipping bowl	5029
	Bowl oval pressed	5284
	Luxury bowl	5043
	Luxury bowl large	5044
	Tray large oval	4747
	Palm leaf	5045
	Cuadra rectangular	3391
	Cuadra rectangular	3394
	Cuadra square	3392
	Dipping bowl square	3583

PRODUCT-SPECIFICATION_00196/e
DECLARATION OF COMPLIANCE

Picture	Description	Article number
	Dipping bowl rectangular	3584
	Plate small	N135
	Plate medium	N136
	Plate large	N137
	Kheops	N140
	Plate	N141
	Tray long	N729
	Tray rectangular	N730
	Dip Boat	N731
	Dipping bowl round	N732, 15022




PRODUCT-SPECIFICATION_00196/e
DECLARATION OF COMPLIANCE

Picture	Description	Article number
	Tray	N744
	Tray	N745
	Boat small	10758
	Bowl deep	10759
	Ellipse 2-compartment	10760
	Trigon bowl	12172
	Triangle	12173
	Tray	10066
	Trigon	14645
	Bowl heart-shaped	15139

PRODUCT-SPECIFICATION_00196/e
DECLARATION OF COMPLIANCE

Picture	Description	Article number
	Bowl round	15190
	Plate square no rim	15341, 15598
	Ellipse small 9x6cm	N138
	Ellipse midi 19x13cm	N139
	Ellipse grand 26x16 cm	14146
	Eye Leaf 11x6x1cm	18852
	Eye Leaf 23x12.5x2.3cm	18853
	Eye Leaf 28x15x3cm	18854
	Eye Leaf 2-teilig, 28x15x3cm	18855

PRODUCT-SPECIFICATION_00196/e DECLARATION OF COMPLIANCE

Picture	Description	Article number
	Palm leaf plate no rim 24x16x1,5cm	19014
	Bowle round, 650ml, 160x50mm	19441
	Elegance plate 23cm palm leaf 3.8cm deep, naturese	20814

Storage

Storage temperature: ambient
Relative humidity: dry

Purpose of use

Types of food to be in contact with the material:

The articles are suitable for direct contact with dry food.

Types of food which should **NOT** come into contact with the material:

Pure water

Applications:

- Oven 220°C for 0,5h
- Microwave
- Freezer -25°C
- Short-term contact

The products are impermeable to oil and water. However, they are only suitable as disposable tableware and not as food packaging (except for dry products).

PRODUCT-SPECIFICATION_00196/e DECLARATION OF COMPLIANCE



Declaration of compliance

These articles meet the following regulations and are suitable for direct contact with food :

- 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
- SR 817.023.21** The Swiss Ordinance on Materials and Articles in Contact with Food
- Directive 94/62/EC** on packaging and packaging waste

Overall migration

Tested under the following conditions (test report SQTS 2016L35600, 2019L31659):

Simulant	Time1	Temperature1	Time2	Temperature2
<input checked="" type="checkbox"/> E: Poly(2,6-diphenyl-p-phenylenoxid) or Tenax	3d	40°C	0.5h	220°C

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

Specific migration

- 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

Microbiology

The microbiological findings are inconspicuous and correspond to the basic microbiological burden.

Sensory evaluation

The test was done according to EN 1230-2 and DIN 10955 as well as following the SLMB. The test food was: - biscuits (grated)

Storage was performed in a closed glass container under the following conditions:

- 3d / 40°C + 0.5h / 120°C

Sensory evaluation showed that the sample did not perceptibly influence the odour and did not/just perceptibly influence the taste of the test food.

PRODUCT-SPECIFICATION_00196/e DECLARATION OF COMPLIANCE



Production site: India

Bio-degradability: The products are completely bio-degradable

House compostability: Completely suitable according to BAW Consensus Version 02.12.2016 (Link: <http://www.evaluation-bioplastics.ch/infod.html>)

Certificates:



Tested according to DIN EN 13432



SA 8000:2014



Nordic Ecolabel 5047 0009

Customs duty number: 4419.9000

Reclamation

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

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