2018070 - 2018071

Koopman International b.v.

DECLARATION OF PRODUCT IDENTITY

We Koopman International b.v.
Distelweg 88
1031 HH Amsterdam
The Netherlands

Certify and declare under our sole responsibility that the food contact materials in the following product:

Product identification:
170113240 - 265092 SPRING FORM DIA 28CM NON STICK
170113250 – 265093 SPRING FORM DIA 24CM NON STICK

are made of exactly the same materials as mentioned in the testing report:
No. NB2017113008, 170112160-206790, Spring form

Signature of authorised representative:

Place : Amsterdam
Date : 14 August 2018
Name : Q. Harten
Function : Quality Engineer
Signature :

Koopman International B.V
Distelweg 88
1031 HH AMSTERDAM
Tel. (+31)20-4947777 / Fax (+31)20-6365131

Konformitätserklärung gemäß Verordnung (EG) 1935/2004 für Materialien aus Kunststoff mit Lebensmittelkontakt / Declaration of compliance according Regulation (EC) 1935/2004 for plastic materials in contact with food

Identität und Anschrift Identity and adress	Koopman International b.v., Distelweg 88, 1031 HH Amsterdam, The Netherlands
Article +Auftragsnummer order number = LOT = batch number	170113240-265092
Artikelbeschreibung article description	SPRING FORM CARBON STEEL WITH NON STICK COATING, SIZE D28XH7CM
Ursprungssland Made in	China
Datum der Erklärung date of declaration	14-8-2018

Hiermit wird bestätigt, dass oben genannter Artikel den gesetzlichen Bestimmungen in Artikel 3, Artikel 11 Absatz 5, Artikel 15 und Artikel 17 der Verordnung (EG) 1935/2004, Verordnung (EU) 10/2011 und der deutschen Bedarfsgegenständeverordnung (BedGgstV) in ihrer jeweils aktuellen Fassung entspricht.
This is to confirm that the above named article complies with the legal provisions in Article 3, 11(5), 15 and 17 of the Regulation (EC) 1935/2004, regulation (EU) 10/2011 and the german Consumer Goods Ordinance (BedGgstV) in its current version.

Der Artikel kann SML Stoffe enthalten. Die Gesamtmigration sowie die spezifische Migration liegen bei spezifikationsgemäßer Anwendung unten den gesetzlichen Grenzwerten. Die Prüfung erfolgte nach den Verordnung (EU) 10/2011.
The article may contain SML substances. However, when used as specified, the overall migration as well as the specific migration do not exceed the legal limits. The testing was performed according to regulation (EU) 10/2011.

Die eingesetzten Materialien und Rohstoffe entsprechen der europäischen Verordnung (EU) 10/2011.
The materials and raw materials are in accordance with the european regulation (EU) 10/2011 for plastic materials.

Hinweis zu „Dual-Use-Stoffen:
Substanzen, die auch als Lebensmittelzusatzstoffe erlaubt sind, migrieren nicht oder sind in so geringen Mengen enthalten, dass sie im Falle einer Migration keine technologische Wirkung haben.
Note on dual use substances:
Substances also approved as food additives do not migrate or are contained in marginal quantities only so that they do not display any technological effect in case of migration.

Die Konformitätserklärung für diesen Artikel wurde nach Prüfung des Artikels durch ein akkreditiertes Labor ausgestellt.
The declaration of compliance for this article was issued based on entire inspection of the article by an accredited laboratory.

Verwendete Kunststoffe / Used plastic materials

Kurzzeichen / Resin Code	Name
PTFE	Polytetrafluoroethylene

Vorgesehener Verwendungszweck und Einschränkungen / Intended use and restrictions

Dieser Gegenstand darf mit folgenden Lebensmitteln in Kontakt kommen:
This article may come into contact with the following foodstuffs:
Lebensmittelarten, die nicht angekreuzt sind dürfen nicht mit dem Material in Berührung kommen
Food types that are not checked shall not come into contact with the material

x	Trocken / dry
	Wässrig / Aqueous
	Alkoholisch / Spirituous
	Sauer / Acidic
	Milchprodukte / Milk products
x	Fettig* / Greasy*

*) Bei Ersatzprüfungen mit organischen Lösungsmitteln werden die Prüfbedingungen entsprechend der EN1186-1:2002 Abschnitt 7.2 angepasst.
*) Replacement testing with organic solvents were carried out with adjusted testing conditions according to EN1186-1:2002 Section 7.2

Anwendungsbereich des Gegenstandes / Scope of the article:

4	Stunden/hours oder / or		Tage/ days
100	°C	N	geschirrspülmaschine geeignet dishwasher safe
N	tiefkühlgeeignet freeze safe	N	mikrowellengeeignet microwave safe

(N = nein / no; Y = ja / yes)

Verhältnis der mit Lebensmittel in Berührung kommenden Fläche zum Volumen, anhand dessen die Konformität des Gegenstandes festgestellt wurde.
Ratio of the surface area that is to come into contact with the foodstuff to the volume levels, with which the object conformity was determined.

6/1000	dm^2/mL oder / or		nicht Anwendbar / not applicable

Es wird keine funktionelle Barriere aus Kunststoff verwendet.
There is no functional barrier made from plastic

Signature of authorised representative:

Name: Edwin Ramadan
Tätigkeit / Role: Chemist & Technologist

Koopman International B.V.
Distelweg 88
1031 HH AMSTERDAM
Tel. (+31)20-4947777 / Fax (+31)20-6366131

Ir. Ing. E. Ramadan
Chemist & Technologist.

Konformitätserklärung gemäß Verordnung (EG) 1935/2004 für Materialien aus Kunststoff mit Lebensmittelkontakt / Declaration of compliance according Regulation (EC) 1935/2004 for plastic materials in contact with food

Identität und Anschrift Identity and adress	Koopman International b.v., Distelweg 88, 1031 HH Amsterdam, The Netherlands
Article +Auftragsnummer order number = LOT = batch number	170113250-265093
Artikelbeschreibung article description	SPRING FORM CARBON STEEL WITH NON STICK COATING, SIZE D24XH7CM
Ursprungssland Made in	China
Datum der Erklärung date of declaration	14-8-2018

Hiermit wird bestätigt, dass oben genannter Artikel den gesetzlichen Bestimmungen in Artikel 3, Artikel 11 Absatz 5, Artikel 15 und Artikel 17 der Verordnung (EG) 1935/2004, Verordnung (EU) 10/2011 und der deutschen Bedarfsgegenständeverordnung (BedGgstV) in ihrer jeweils aktuellen Fassung entspricht.
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Ir. Ing. E. Ramadan
Chemist & Technologist.

Test Report

Testing institute	:	Product Technology Service (Ningbo) Co., Ltd. 6&7F, 59#, Huayu Road, Yinzhou District, Ningbo 315192 P.R.China
Applicant	:	NINGBO FUTURE IMPORT & EXPORT CO., LTD 10F, Buliding B, San Fang Mansion, No.52 Hui Hai Rd., Hi Tec. Zone, Ningbo, 315040
Product name	:	Baking forms/tray
Model No.	:	170112160 170112560 170112650
Order No		490204、487503、489151
Sample receive date	:	Nov.30,2017
Completes date	:	Dec.11,2017
Testing location	:	Product Technology Service (Ningbo) Co., Ltd.
Test specification(s)	:	See page 2

Originator:
Danyan Wang

Report Verifier:
Haifei Ye

Authorizer :
Cui Liang

Product Technology Service (Ningbo) Co., Ltd.

Ningbo, Dec.11,2017

The test results exclusively refer to the samples examined. This report shall not be reproduced except in full without written approval and does not authorize the use of Product Technology Service (Ningbo) Co., Ltd. label. The report is invalid without signature and seal of Product Technology Service (Ningbo) Co., Ltd.

Test specification(s)	Conclusion
1. Selected tests for the suitability for contact with foodstuffs in accordance with German § 30 and § 31 LFGB with amendments and Commission Regulation (EU) No 10/2011 with amendments, BfR Recommendation.	
1.1-Sensory test	Pass
1.2-Overall migration	Pass
1.3-Specific migration of Primary aromatic amines (PAA)	Pass
1.4-Specific migration of heavy metals	Pass
1.5-Specific migration of formaldehyde	Pass
1.6-GC screening on phenolic compounds	Pass
1.7-Specific migration of Fluoride	Pass
1.8-Specific migration of PFOA & PFOS	Pass
2. Short Chain Chlorinated Paraffin (alkanes) (SCCP) content	Pass
3. Dimethyl fumarate (DMF) content	Pass

Remark : Required by the applicant, 1.4 Specific migration of heavy metals of sample 1-1.Non-stick coating(PTFE) is taken from report NB2017033165ADD5, Date:2017/10/16

Product name

No.	Product name	Part No.	Part name
1	Baking forms/tray	1-1	Non-stick coating(PTFE)

1.1.Test specification : Sensory test

Test method : DIN 10955:1983 (2004)
Test condition: 100°C, 4 hours
Test media: Distilled water
No. of panelist: 6

Product name:1-1.Non-stick coating(PTFE)		
Parameter	Maximum permissible Limit	Result
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
Conclusion	--	Pass

Scale evaluation:

0: No perceptible
1: Just perceptible (still difficult to define)
2: Moderate
3: Moderately strong
4: Strong

1.2.Test specification : Overall migration

Test method : EN1186-1:2002: for selection of conditions and test methods
EN1186-8:2002: olive oil by article filling

Requirement : COMMISSION REGULATION (EU) No 10/2011 and its amendments

Product name: 1-1. Non-stick coating(PTFE)					
Simulant used	Test condition	Unit	Maximum permissible Limit	Detection Limit	Result
olive oil	4 hours at 100°C	mg/dm²	10	3.0	ND
Conclusion	--				Pass

Note:

1) mg/dm²=milligram per square decimeter
2) ND=Not Detected(<Detection Limit)
3) Report the third migration result for repeated use articles.

1.3.Test specification : Specific migration of Primary aromatic amines (PAA)

Test method : Sample preparation with reference to EN 13130-1:2004, followed by analysis using HPLC-MS

Requirement : COMMISSION REGULATION (EU) No 10/2011 and its amendments

Product name: 1-1. Non-stick coating(PTFE)					
Parameter	Test condition	Unit	Maximum permissible Limit	Detection Limit	Result
Primary aromatic amines	In 3% acetic acid at 100°C for 4 hours	mg/kg	Not Detectable	0.01	ND
Conclusion	--				Pass

Note:
1) mg/kg=milligram per kilogram
2) ND=Not Detected(<Detection Limit)

1.4.Test specification : Specific migration of heavy metals

Test method : Sample preparation with reference to EN 13130-1:2004, followed by analysis using ICP-OES

Requirement : COMMISSION REGULATION (EU) No 10/2011 and its amendments

Product name: 1-1. Non-stick coating(PTFE)				
Test condition:	Sample preparation in 3% acetic acid at 100°C for 4 hours			
Parameter	Unit	Maximum permissible Limit	Detection Limit	Result
Barium	mg/kg	1	0.1	ND
Cobalt	mg/kg	0.05	0.050	ND
Copper	mg/kg	5	0.5	ND
Iron	mg/kg	48	1.0	ND
Lithium	mg/kg	0.6	0.10	ND
Manganese	mg/kg	0.6	0.10	ND
Zinc	mg/kg	25	1.0	ND
Conclusion	--			Pass

Note:
1) mg/kg=milligram per kilogram
2) ND=Not Detected(<Detection Limit)
3) Report the third migration result for repeated use articles.

1.5.Test specification : Specific migration of formaldehyde

Test method : EN 13130-1:2004 & DD CEN/TS 13130-23:2005

Requirement : The recommendation of the BfR, part LI"Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils"

Product name: 1-1. Non-stick coating(PTFE)					
Parameter	Test condition	Unit	Maximum permissible Limit	Detection Limit	Result
formaldehyde	In 3% acetic acid at 100°C for 4 hours	mg/kg	15	3.0	ND
Conclusion	--				Pass

Note:
1) mg/kg=milligram per kilogram
2) ND=Not Detected(<Detection Limit)
3) Report the third migration result for repeated use articles.

1.6.Test specification : GC screening on phenolic compounds

Test method : EN 13130-1:2004

Product name: 1-1. Non-stick coating(PTFE)					
Parameter	Test condition	Unit	Limit	Detection Limit	Result
phenolic compounds	In 95% ethanol at 60°C for 7 hours	mg/L	Not Detectable	0.5	ND
Conclusion	--				Pass

Note:
1) mg/L=milligram per liter
2) ND=Not Detected(<Detection Limit)
3) Report the third migration result for repeated use articles.

1.7.Test specification : Specific migration of Fluoride

Test method : EN 13130-1:2004

Product name: 1-1. Non-stick coating(PTFE)					
Parameter	Test condition	Unit	Maximum permissible Limit	Detection Limit	Result
Fluoride	In water at 100°C for 4 hours	mg/L	10	10	ND
Conclusion	--				Pass

Note:

1) mg/L=milligram per liter
2) ND=Not Detected(<Detection Limit)
3) Report the third migration result for repeated use articles.

1.8.Test specification : Specific migration of PFOA & PFOS

Test conditions : 3% acetic acid, 100°C for 4 hours

Product name: 1-1. Non-stick coating(PTFE)				
Parameter	Unit	Limit	Detection Limit	Result
Perfluorooctaneacid(PFOA) & Perfluorooctane Sulfonate(PFOS)	mg/dm^2	0.005	0.005	ND
Conclusion	--			Pass

Note:

1) mg/dm^2=milligram per square decimeter
2) ND=Not Detected(<Detection Limit)

2.Test specification : Short Chain Chlorinated Paraffin (alkanes) (SCCP) content

Test method : US EPA 3540C:1996 and US EPA 8270D:2014
Solvent extraction and quantification by gas chromatography-mass selective Detection(GC/MS)

Requirement : REACH Regulation (EC) No 1907/2006

Product name: 1-1. Non-stick coating(PTFE)				
Parameter	Unit	Requirement	Detection Limit	Result
Chloroparaffin C10-13	mg/kg	1000	50.0	ND
Conclusion		--		Pass

Note:

1) mg/kg=milligram per kilogram
2) ND=Not Detected(<Detection Limit)

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (7890)-MS (5975C)

3.Test specification : Dimethyl fumarate (DMF) content

Test method : EPA 3540C:1996 and EPA 8270D:2014
Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS)

Requirement : Commission Regulation(EU) No 412/2012, Annex XVII of Regulation (EC) No 1907/2006(REACH)

Product name: 1-1. Non-stick coating(PTFE)				
Parameter	Unit	Requirement	Detection Limit	Result
Dimethyl fumarate(DMF)	mg/kg	0.1	0.10	ND
Conclusion		--		Pass

Note:
1) mg/kg=milligram per kilogram
2) ND=Not Detected(<Detection Limit)

Main test instruments used for this method:

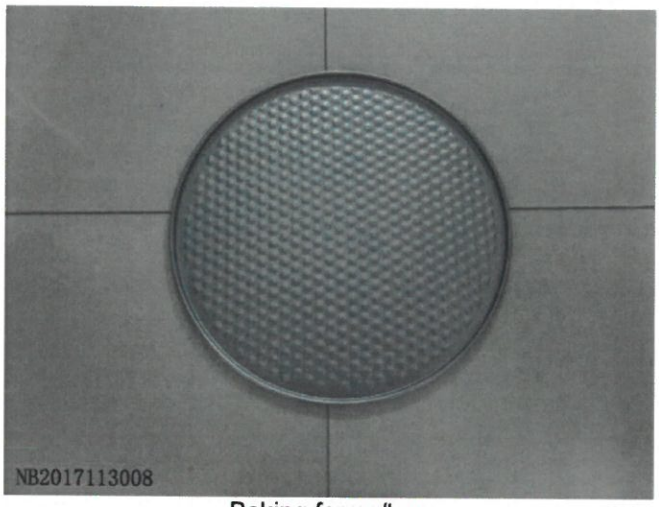
Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (7890)-MS (5975C)

Sample photo(s), see annex 1

---End---

ANNEX 1

Sample photos, consist of 1 page



Baking forms/tray