

Test Report

Report No: KEYS22063001001RH-03

Date: Jul. 04, 2022

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Applicant : Taixing Zhongnenggaoke New Material Co., Ltd
Address : No.1,Zhenxing Road, Industrial Area, Xuanbao Town, Taixing City, Jiangsu Province

The following merchandise was (were) submitted and identified by client as:

Sample Name : Reusable baking sheet
Sample Model : 626622
Sample Received Date : Jun. 28, 2022
Testing Period : Jun. 28, 2022 To Jul. 04, 2022
Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005(LFGB), Section 30&31. European Commission Directive 1935/2004/EC, Regulation (EU) No.10/2011, Regulation (EU) 2016/1416, Regulation (EU) 2017/752, Regulation (EU) 2018/213, Regulation (EU) 2018/831 and Regulation (EU) 2020/1245on plastic materials and articles intended to come into contact with food
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).
Conclusion : **PASS** (Based on test results)

Signed for and on behalf of



Tony Qian/Approved Signatory

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Dongguan KEYS Testing Technology Co., Ltd.

Address: Room 206, Building 1, Huagu Technology Center, No. 6 Hehe Street, Hengkeng, Liaobu Town, Dongguan City, Guangdong Province
Tel: 0769-89798319 E-mail: info@keys-lab.com <http://www.keys-lab.com>

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Sample Description:

No.	Material Description	Name
1	Brown Plastic+ Teflon Coating	Brown plastic

Test Material Area And Simulant Liquid Volume

No.	Material Area	Simulant Volume
1	6 dm ²	1000ml

Test Result: No.1

1. Extractable component

Test Requested: In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation.

Test Method: With reference to EN 1186-1, 2, 3:2002 for selection of conditions and test methods.

Simulant used	Test condition	Overall Migration (mg/dm ²)	Maximum permissible Limit (mg/dm ²)
Deionized Water	2 hours at 70 °C	<2.0	10
3 % acetic acid	2 hours at 70 °C	<2.0	10
10 % ethanol	2 hours at 70 °C	4.8	10
Fat	2 hours at 70 °C	<2.0	10

Note: Analytical tolerance of aqueous stimulants is 1 mg/dm²

2. Sensorial examination odour and taste test

Test Method: Sensorial examination odour and taste test with reference to DIN10955:2004-06;

Test condition: pour test: 23 °C, 24 hours;

Taste test: sunflower oil, 100 °C, 1 hour.

Test Item(s)	Result	Maximum Permissible Limit
Sensorial examination odour (Point scale)	0	2.5
Sensorial examination taste (Point scale)	0	2.5

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Note: Odour/Taste Grade
0= No perceptible difference
1= Just perceivable difference(still difficult to define)
2= Slight difference
3= Marked difference
4= Strong difference
5. This part of the test is holistic test

3. Migration of PAA

Test Method: With reference to BS EN 14362-1/2 for selection of conditions and test methods.

Stimulant used	Test condition	Test Result (mg/dm ²)	Maximum permissible Limit (mg/dm ²)
Distilled Water	4 hours at 70°C	<2.0	10
3 % acetic acid	4 hours at 100°C	<2.0	10
10 % ethanol	4 hours at 100°C	<2.0	10
Fat	2 hours at 175°C	<2.0	10

4. BPA

Test Method: With reference to EPA 3540C:1996.

Test Item(s)	Unit	Result	MDL	Limit
BPA	mg/kg	Absent	0.01	Absent

5. Migration of Heavy Metals

Test Method: with reference to CM/Res(2013)9

Test Item(s)	Unit	Result	MDL	Limit
Soluble Silver (Ag)	mg/kg	N.D.	0.001	0.56
Soluble Aluminium (Al)	mg/kg	N.D.	0.001	35
Soluble Cobalt(Co)	mg/kg	N.D.	0.001	0.14
Soluble Chromium (Cr)	mg/kg	N.D.	0.001	1.75
Soluble Copper(Cu)	mg/kg	N.D.	0.001	28
Soluble Iron (Fe)	mg/kg	N.D.	0.001	280

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Test Item(s)	Unit	Result	MDL	Limit
Soluble Manganese(Mn)	mg/kg	N.D.	0.001	12.6
Soluble Molybdenum(Mo)	mg/kg	N.D.	0.001	0.84
Soluble Nickel(Ni)	mg/kg	N.D.	0.001	0.98
Soluble Tin(Sn)	mg/kg	N.D.	0.001	700
Soluble Vanadium(V)	mg/kg	N.D.	0.001	0.07
Soluble Zinc(Zn)	mg/kg	N.D.	0.001	35
Soluble Arsenic(As)	mg/kg	N.D.	0.001	0.014
Soluble Barium(Ba)	mg/kg	N.D.	0.001	8.4
Soluble Beryllium (Be)	mg/kg	N.D.	0.001	0.07
Soluble Cadmium(Cd)	mg/kg	N.D.	0.001	0.035
Soluble Mercury(Hg)	mg/kg	N.D.	0.001	0.021
Soluble Lithium(Li)	mg/kg	N.D.	0.001	0.336
Soluble Lead(Pb)	mg/kg	N.D.	0.001	0.07
Antimony(Sb)	mg/kg	N.D.	0.001	0.28
Soluble Thallium (Tl)	mg/kg	N.D.	0.0005	0.0007
Soluble Magnesium (Mg)	mg/kg	N.D.	0.0005	--
Soluble Titanium (Ti)	mg/kg	N.D.	0.0005	--

Note: 1. mg/dm^2 =milligram per square decimeter

2. N.D.= Not Detected(<MDL)

3. MDL = Method Detection Limit

6. PFOA

Test Item	Test Method	Result/(mg/kg)	MDL/(mg/kg)
Perfluorooctyl acid (PFOA)	EPA3550C:2007	N.D.	10

Note:

1. N.D.= No Detection(<MDL)

2. MDL = Method Detection Limit

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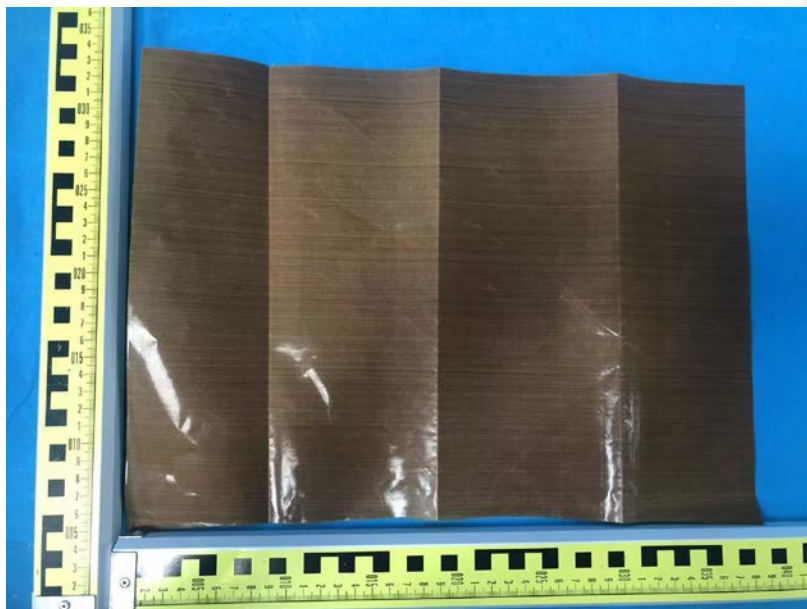
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Photo Sample:



*** End of Report ***

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