

Test Report

No. F690101/LF-CTSAYHA23-01357E

Issued Date: 2023. 02. 20

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KOINTEC INC.

38, Haogae-gil, Chowol-eup
Gwangju-si, Gyeonggi-do
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No.	: AYHA23-01357E
Sample Description	: INTERIOR DECO SHEET
Style no./Item no.	: KT-5000
Order No.	: -
Buyer	: -
Manufacturer	: -
Country of Origin	: REP. OF KOREA
Country of Destination	: -
Received Date	: 2023. 02. 13
Test Period	: 2023. 02. 13 ~ 2023. 02. 20
Test method	: Enactment of the common safety standards of children's products. [Ministry of Trade, Industry & Energy notice no. 2021-0229 (2021.12.29.)]
Test Result(s)	: For further details, please refer to following page (s)
Report Comments	: The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report is not related to Korea Laboratory Accreditation Scheme. The statement of conformity was made on the requested specification or standard. The decision rule would be based on the binary statement (Pass/Fail) according to ILAC-G8:09/2019 guideline 4.2.1 without taking measurement uncertainty into account by applicant's agreement.

SGS Korea Co., Ltd.



Tommy Oh / Chemical Lab Mgr

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CQP-7081-F01 (01)

SGS Korea Co., Ltd.

322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 14117
t +82 (0)31 4608 000 f +82 (0)31 4608 059 <http://www.sgsgroup.kr>

Member of the SGS Group (Société Générale de Surveillance)

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Clause	Test item		Limit	Results
3.1	Hazardous chemical materials			
3.1.1	Migration of certain elements (mg/kg)	Antimony (Sb)	60	PASS
		Arsenic (As)	25	
		Barium (Ba)	1000	
		Cadmium (Cd)	75	
		Chromium (Cr)	60	
		Lead (Pb)	90	
		Mercury (Hg)	60	
		Selenium (Se)	500	
3.1.2	Total Pb & Cd (mg/kg)	Lead (Pb)	100	PASS
		Cadmium (Cd)	75	PASS
3.1.3	Phthalates contents (%)	DEHP	Total 0.1	PASS
		DBP		
		BBP		
		DINP		
		DIDP		
		DnOP		
		DIBP		

- Tested and marked only for items requested by client.

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Test Results :

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3.1 Hazardous chemical materials

3.1.1 Migration of certain elements

Element		Migration of certain elements (Instrument: ICP-OES, Unit: mg/kg)							
		Arsenic (As)	Antimony (Sb)	Selenium (Se)	Cadmium (Cd)	Mercury (Hg)	Chromium (Cr)	Lead (Pb)	Barium (Ba)
Limit		25	60	500	75	60	60	90	1000
MDL		2.5	5	10	5	2.5	2.5	5	10
Results	1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	12.4

Results shown are of the adjusted analytical result.

Sample Description

1. Brown Decofilm

Note: 1. N.D. = Not detected (< MDL)
2. MDL = Method Detection Limit

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3.1 Hazardous chemical materials

3.1.2 Total Pb & Cd

Element	Lead (Instrument: ICP-OES)			Element	Cadmium (Instrument: ICP-OES)		
	Limit (mg/kg)	MDL (mg/kg)	Results (mg/kg)		Limit (mg/kg)	MDL (mg/kg)	Results (mg/kg)
1	100	20	N.D.	1	75	5	N.D.

Sample Description

1. Brown Decofilm

Note: 1. N.D. = Not detected (< MDL)
2. MDL = Method Detection Limit

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3.1 Hazardous chemical materials

3.1.3 Phthalates contents

Element		Phthalate contents (Instrument : GC-MS, Unit : %)			
		CAS No.	MDL	Results	Limit
				1.	
DEHP	Di-(2-ethylhexyl) phthalate	117-81-7	0.005	N.D.	Total 0.1
DBP	Dibutyl phthalate	84-74-2	0.005	N.D.	
BBP	Butyl benzyl phthalate	85-68-7	0.005	N.D.	
DINP	Diisononyl phthalate	28553-12-0 / 68515-48-0	0.005	N.D.	
DIDP	Diisodecyl phthalate	26761-40-0 / 68515-49-1	0.005	N.D.	
DnOP	Di-n-octyl phthalate	117-84-0	0.005	N.D.	
DIBP	Diisobutyl phthalate	84-69-5	0.005	N.D.	
Sum* (DEHP + DBP + BBP + DINP + DIDP + DnOP + DIBP)				N.D.	--

Sum* = Only phthalate substances >0.005 % are taken into account while calculating the sum of Phthalate

Sample Description

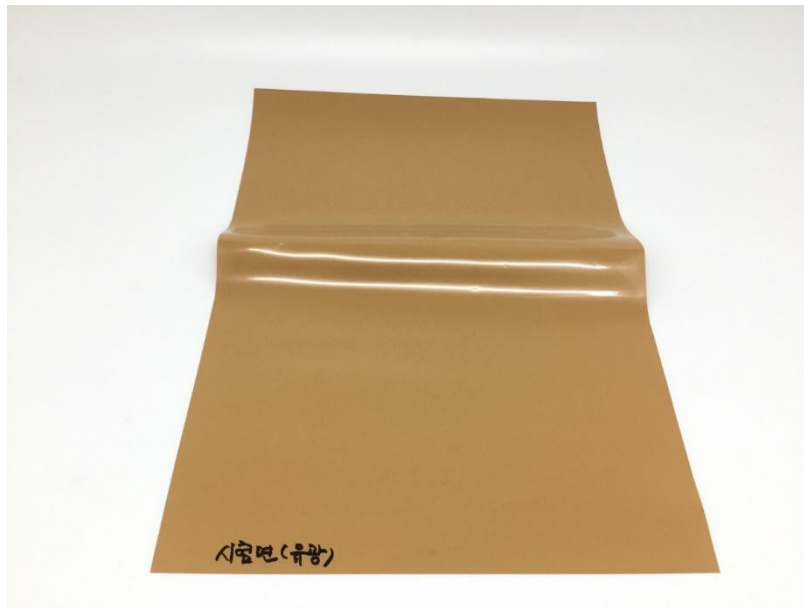
1. Brown Decofilm

Note:

1. N.D. = Not detected (< MDL)
2. MDL = Method Detection Limit
3. 1 % = 10 000 mg/kg

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Picture of Sample as Received :



AYHA23-01357E

*** End of Report ***

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