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检测
TESTING
CNAS L2929

Test Report

No.T52410301998TC-01

Date: JUL 29, 2024

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SHANTOU JINJIA TOYS CO.,LTD

GOUDONG YONGXIN INDUSTRIAL AREA,LIANSHANG,CHENGHAI,SHANTOU,GUANGDONG,CHINA

This report supersedes all the previous documents bearing the test report number T52410301998TC.

The following samples were submitted and identified by/on behalf of the client as:

INERTIAL CAR

Item No. : 666-50P, 666-51P, 666-52P, 666-53P, 666-55P, 666-56P, 666-58P, 666-59P, 666-60P, 666-61P, 666-62P, 666-63P, 666-65P, 666-66P, 666-67P, 666-68P, 666-80P, 666-81P, 666-82P, 666-83P, 666-85P, 666-86P, 666-50T, 666-51T, 666-52T, 666-53T, 666-55T, 666-56T, 666-58T, 666-59T, 666-60T, 666-61T, 666-62T, 666-63T, 666-65T, 666-66T, 666-87P, 666-88P, 666-89P, 666-90P, 666-91P, 666-93P, 666-95P, 666-96P, 666-10R, 666-11R, 666-12R, 666-13R, 666-15R, 666-16R, 666-18R, 666-19R, 666-20R, 666-21R, 666-22R, 666-23R, 666-25R, 666-26R, 666-10S, 666-11S, 666-12S, 666-13S, 666-15S, 666-16S, 666-18S, 666-19S, 666-20S, 666-21S, 666-22S, 666-23S, 666-25S, 666-26S, 666-50Q, 666-51Q, 666-52Q, 666-53Q, 666-28P, 666-60F, 666-61F, 666-62F

Sample Receiving Date : JUN 20, 2024
Last Submission Sample Date : JUL 16, 2024
Further Information Date : JUL 26, 2024
Testing Period : JUN 20, 2024 TO JUL 22, 2024
Verification Requested : With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.
Testing Performed : Follow selected test(s) as requested by client.



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Shenzhen Branch Testing Center Hardlines

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Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Result Summary:

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP)*, Butyl benzyl phthalate (BBP)*, Dibutyl phthalate (DBP)* and Diisobutyl phthalate (DIBP)*	Pass

Remark: Test item (s) with "*" is (are) not accredited by CNAS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

Shelly



Jia Fengjuan, Shelly
Dept. Manager
CNAS Approved Signatory



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Results:

Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
 - (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
 - (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.



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Verification Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SZX24-0020039-0001.C001	Black plastic part
SN2	A2	SZX24-0020039-0001.C002	Black plastic shell
SN3	A3	SZX24-0020039-0001.C003	Dark gray plastic part
SN4	A4	SZX24-0020039-0001.C004	White laminated paper label with black printing
SN5	A5	SZX24-0020039-0001.C005	Transparent plastic part
SN6	A6	SZX24-0020039-0001.C006	Black plastic part (Ear)
SN7	A7	SZX24-0020039-0001.C007	Red plastic part
SN8	A8	SZX24-0020039-0001.C008	Dark gray plastic shell
SN9	A9	SZX24-0020039-0001.C009	Transparent plastic label with red printing
SN10	A10	SZX24-0020039-0001.C010	Transparent red plastic part
SN11	A11	SZX24-0020039-0001.C011	Dark gray plastic cover (Battery compartment)
SN12	A12	SZX24-0020039-0001.C012	Silvery metal bolt (Battery compartment)
SN13	A13	SZX24-0020039-0001.C013.C001	Silvery metal spring (Battery compartment)
SN14	A14	SZX24-0020039-0001.C014	Silvery metal plate (Battery compartment)
SN15	A15	SZX24-0020039-0001.C015	Silvery metal nut (Battery compartment)
SN16	A16	SZX24-0020039-0001.C016	Silvery metal cap screw (Inside)
SN17	A17	SZX24-0020039-0001.C017.C001	Silvery metal screw (Inside)
SN18	A18	SZX24-0020039-0001.C018	Silvery metal solder (Speaker)
SN19	A19	SZX24-0020039-0001.C019.C001	White plastic (Wire insulation) (Speaker)
SN20	A20	SZX24-0020039-0001.C020	Coppery metal core wire (Speaker)
SN21	A21	SZX24-0020039-0001.C021.C001	Yellow hard board with green surface& coppery surface (Speaker)
SN22	A22	SZX24-0020039-0001.C022	Green plastic frame (Speaker)
SN23	A23	SZX24-0020039-0001.C023.C001	Silvery metal part (Speaker)
SN24	A24	SZX24-0020039-0001.C024	Black magnet (Speaker)
SN25	A25	SZX24-0020039-0001.C025.C001	Silvery metal washer (Speaker)
SN26	A26	SZX24-0020039-0001.C026	Transparent plastic round plate (Speaker)
SN27	A27	SZX24-0020039-0001.C027	Coppery enameled wire (Speaker)
SN28	A28	SZX24-0020039-0001.C028	Green "PCB" (PCB)
SN29	A29	SZX24-0020039-0001.C029.C001	Red plastic (Wire insulation) (PCB)
SN30	A30	SZX24-0020039-0001.C030.C001	White plastic (Wire insulation) (PCB)
SN31	A31	SZX24-0020039-0001.C031	Black body (PCB)
SN32	A32	SZX24-0020039-0001.C032	Yellow "LED" body (PCB)
SN33	A33	SZX24-0020039-0001.C033	Silvery metal solder (PCB)



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SN ID	Sample No.	SGS Sample ID	Description
SN34	A34	SZX24-0020039-0001.C034	Silvery metal pin (PCB)
SN35	A35	SZX24-0020039-0001.C035	Translucent orange plastic part (Head)
SN36	A36	SZX24-0020039-0001.C036	Black plastic part (Head)
SN37	A37	SZX24-0020039-0001.C037	Yellow soft plastic part with black surface (Head)
SN38	A38	SZX24-0020039-0001.C038	Black soft plastic part (Wheel)
SN39	A39	SZX24-0020039-0001.C039	Black plastic part (Wheel)
SN40	A40	SZX24-0020039-0001.C040	Silvery metal screw (Wheel)
SN41	A41	SZX24-0020039-0001.C041	Cream plastic part (Wheel)
SN42	A42	SZX24-0020039-0001.C042	Light green plastic gear (Wheel)
SN43	A43	SZX24-0020039-0001.C043	White plastic gear (Wheel)
SN44	A44	SZX24-0020039-0001.C044	Silvery metal shaft (Wheel)
SN45	A45	SZX24-0020039-0001.C045	White plastic part (Wheel)
SN46	A46	SZX24-0020039-0001.C046	White plastic terminal (Wheel)
SN47	A47	SZX24-0020039-0001.C047	Silvery metal round plate (Round plate) (Wheel)
SN48	A48	SZX24-0020039-0001.C048	White plastic part (Round plate) (Wheel)
SN49	A49	SZX24-0020039-0001.C049.C001	Silvery metal spring (Round plate) (Wheel)
SN50	A50	SZX24-0020039-0001.C050.C001	White plastic ring (Round plate) (Wheel)
SN51	A51	SZX24-0020039-0001.C051	Silvery metal shaft (Round plate) (Wheel)
SN52	A52	SZX24-0020039-0001.C052	Black plastic ring (Motorcycle)
SN53	A53	SZX24-0020039-0001.C053	Silvery gray plastic part (Motorcycle)
SN54	A54	SZX24-0020039-0001.C054	Red plastic part (Motorcycle)
SN55	A55	SZX24-0020039-0001.C055	Black plastic part (Motorcycle)
SN56	A56	SZX24-0020039-0001.C056	Silvery metal bolt (Motorcycle)
SN57	A57	SZX24-0020039-0001.C057	Gray plastic shell (Motorcycle)
SN58	A58	SZX24-0020039-0001.C058	Silvery metal shaft (Shaft) (Wheel)
SN59	A59	SZX24-0020039-0001.C059	White plastic gear (Shaft) (Wheel)
SN60	A60	SZX24-0020039-0001.C060	Orange plastic shell (Orange car)
SN61	A61	SZX24-0020039-0001.C061	Black plastic shell (Orange car)
SN62	A62	SZX24-0020039-0001.C062	Dark gray plastic shell (Orange car)
SN63	A63	SZX24-0020039-0001.C063	Black plastic part (Orange car)
SN64	A64	SZX24-0020039-0001.C064	Black soft plastic part (Orange car)
SN65	A65	SZX24-0020039-0001.C065.C001	Red laminated paper label with white printing (Orange car)
SN66	A66	SZX24-0020039-0001.C066	Gray plastic shell (Orange car)
SN67	A67	SZX24-0020039-0001.C067	Dark red plastic shell (Orange car)
SN68	A68	SZX24-0020039-0001.C068	Orange plastic part (Orange car)
SN69	A69	SZX24-0020039-0001.C069	Translucent white soft plastic part (Middle) (Orange car)
SN70	A70	SZX24-0020039-0001.C070	Silvery metal spring (Middle) (Orange car)
SN71	A71	SZX24-0020039-0001.C071	Silvery metal cap screw (Cap screw) (Orange car)



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SN ID	Sample No.	SGS Sample ID	Description
SN72	A72	SZX24-0020039-0001.C072	Transparent plastic tube (Cap screw) (Orange car)
SN73	A73	SZX24-0020039-0001.C073	Dull silvery metal spring (Cap screw) (Orange car)
SN74	A74	SZX24-0020039-0001.C074	Translucent soft plastic part (Cap screw) (Orange car)
SN75	A75	SZX24-0020039-0001.C075	Silvery metal spring (Transparent tube) (Orange car)
SN76	A76	SZX24-0020039-0001.C076	Orange plastic cover (Transparent tube) (Orange car)
SN77	A77	SZX24-0020039-0001.C077	Translucent soft plastic cover (Transparent tube) (Orange car)
SN78	A78	SZX24-0020039-0001.C078	Translucent soft plastic part (Transparent tube) (Orange car)
SN79	A80	SZX24-0020039-0001.C080	Silvery metal spring (Small) (Transparent tube) (Orange car)
SN80	A81	SZX24-0020039-0001.C081	Orange plastic cover (Orange car)
SN81	A82	SZX24-0020039-0001.C082	Silvery metal bolt (Orange car)
SN82	A83	SZX24-0020039-0001.C083	Silvery metal spring (Orange car)
SN83	A84	SZX24-0020039-0001.C084	Silvery metal plate (Orange car)
SN84	A85	SZX24-0020039-0001.C085	Silvery metal solder (Orange car)
SN85	A86	SZX24-0020039- 0001.C086.C001	Silvery metal nut (Orange car)
SN86	A87	SZX24-0020039- 0001.C087.C001	Red plastic (Wire insulation) (PCB) (Orange car)
SN87	A88	SZX24-0020039- 0001.C088.C001	White plastic (Wire insulation) (PCB) (Orange car)
SN88	A89	SZX24-0020039-0001.C089	Green "PCB" (PCB) (Orange car)
SN89	A90	SZX24-0020039-0001.C090	Silvery metal solder (PCB) (Orange car)
SN90	A91	SZX24-0020039-0001.C091	Gray plastic shell (Wheel) (Orange car)
SN91	A92	SZX24-0020039-0001.C092	Green plastic shell (Bucket) (Orange car)
SN92	A93	SZX24-0020039-0001.C093	Dark gray plastic shell (Bucket) (Orange car)
SN93	A94	SZX24-0020039-0001.C094	Blue plastic shell (Bucket) (Orange car)
SN94	A95	SZX24-0020039-0001.C095	Orange plastic shell (Cream car)
SN95	A96	SZX24-0020039-0001.C096	Yellow plastic shell (Cream car)
SN96	A97	SZX24-0020039-0001.C097	Cream plastic shell (Cream car)
SN97	A98	SZX24-0020039-0001.C098	Dark gray plastic shell (Cream car)
SN98	A99	SZX24-0020039-0001.C099	Silvery metal screw (Cream car)
SN99	A100	SZX24-0020039-0001.C100	Transparent plastic part (Cream car)
SN100	A101	SZX24-0020039-0001.C101	Gray soft plastic part with black surface (Cream car)
SN101	A102	SZX24-0020039-0001.C102	Transparent "LED" body (Cream car)
SN102	A103	SZX24-0020039-0001.C103	Black body (Cream car)
SN103	A104	SZX24-0020039- 0001.C104.C001	Silvery metal wire (solder) (Cream car)
SN104	A105	SZX24-0020039-0001.C105	Green "PCB" (Cream car)



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SN ID	Sample No.	SGS Sample ID	Description
SN105	A106	SZX24-0020039-0001.C106	Silvery metal cap screw (Cream car)
SN106	A107	SZX24-0020039-0001.C107	Black plastic part (Cream car)
SN107	A108	SZX24-0020039-0001.C108	Silvery metal shaft (Cream car)
SN108	A109	SZX24-0020039-0001.C109	White plastic gear (Cream car)
SN109	A110	SZX24-0020039-0001.C110	Black soft plastic part (Cream car)
SN110	A111	SZX24-0020039-0001.C111	Gray plastic part (Cream car)
SN111	A112	SZX24-0020039-0001.C112	Silvery metal pole (Cream car)
SN112	A113	SZX24-0020039-0001.C113	White plastic gear (metal pole) (Cream car)
SN113	A114	SZX24-0020039-0001.C114	Gray plastic part (Red car)
SN114	A115	SZX24-0020039-0001.C115	Yellow plastic part (Red car)
SN115	A116	SZX24-0020039-0001.C116	Green plastic part (Red car)
SN116	A117	SZX24-0020039-0001.C117	Brown plastic part (Red car)
SN117	A118	SZX24-0020039-0001.C118	Transparent dark gray plastic part (Red car)
SN118	A119	SZX24-0020039-0001.C119	Red laminated paper label with white printing (Red car)
SN119	A120	SZX24-0020039-0001.C120	Green "PCB" (Red car)
SN120	A121	SZX24-0020039-0001.C121	Yellow plastic terminal (Red car)
SN121	A122	SZX24-0020039-0001.C122	Silvery metal solder (Red car)
SN122	A123	SZX24-0020039-0001.C123	Translucent soft plastic part with black surface
SN123	A124	SZX24-0020039-0001.C124	White soft plastic tube (Soft plastic tube)
SN124	A125	SZX24-0020039-0001.C125	White plastic part (Soft plastic tube)
SN125	A126	SZX24-0020039-0001.C126	Gray plastic sheet (Soft plastic tube)
SN126	A127	SZX24-0020039-0001.C127	Black soft plastic part (Soft plastic tube)
SN127	A128	SZX24-0020039-0001.C128	Gray plastic part (Soft plastic tube)
SN128	A129	SZX24-0020039-0001.C129.C001	Silvery metal screw (Soft plastic tube)
SN129	A130	SZX24-0020039-0001.C130	Yellow plastic terminal (Soft plastic tube)
SN130	A131	SZX24-0020039-0001.C131	Translucent soft plastic part (Soft plastic tube)
SN131	A132	SZX24-0020039-0001.C132.C001	Silvery metal spring (Soft plastic tube)
SN132	A133	SZX24-0020039-0001.C133	Transparent blue plastic part (Soft plastic tube)
SN133	A134	SZX24-0020039-0001.C134.C001	Black body (Soft plastic tube)
SN134	A135	SZX24-0020039-0001.C135	Silvery metal solder (Soft plastic tube)
SN135	A136	SZX24-0020039-0001.C136	Green "PCB"



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Verification Result(s):

(Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A2	A3	A4	A5	A6	A7	A8
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	ND	ND	BL	BL	ND	BL	ND	BL
BBP	ND	ND	BL	BL	ND	BL	ND	BL
DBP	ND	ND	BL	BL	ND	BL	ND	BL
DIBP	ND	ND	BL	BL	ND	BL	ND	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A9	A10	A11	A12	A13	A14	A15	A16
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	ND	BL	BL	BL
PBB	BL	BL	BL	---	---	---	---	---
PBDE	BL	BL	BL	---	---	---	---	---
DEHP	BL	ND	ND	---	---	---	---	---
BBP	BL	ND	ND	---	---	---	---	---
DBP	BL	ND	ND	---	---	---	---	---
DIBP	BL	ND	ND	---	---	---	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	ND	BL
PBB	---	---	BL	---	ND	BL	---	BL
PBDE	---	---	BL	---	ND	BL	---	BL
DEHP	---	---	ND	---	ND	BL	---	---
BBP	---	---	ND	---	ND	BL	---	---
DBP	---	---	ND	---	ND	BL	---	---
DIBP	---	---	ND	---	ND	BL	---	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A25	A26	A27	A28	A29	A30	A31	A32
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	BL	BL	BL	BL	BL	BL
PBDE	---	BL	BL	BL	BL	BL	BL	BL
DEHP	---	BL	BL	ND	ND	ND	BL	BL
BBP	---	BL	BL	ND	ND	ND	BL	BL
DBP	---	BL	BL	ND	ND	ND	BL	BL
DIBP	---	BL	BL	ND	ND	ND	BL	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A33	A34	A35	A36	A37	A38	A39	A40
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	---	BL	BL	BL	BL	BL	---
PBDE	---	---	BL	BL	BL	BL	BL	---
DEHP	---	---	ND	ND	ND	ND	ND	---
BBP	---	---	ND	ND	ND	ND	ND	---
DBP	---	---	ND	ND	ND	ND	ND	---
DIBP	---	---	ND	ND	ND	ND	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A41	A42	A43	A44	A45	A46	A47	A48
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	ND	BL
PBB	BL	BL	BL	---	BL	BL	---	BL
PBDE	BL	BL	BL	---	BL	BL	---	BL
DEHP	ND	BL	BL	---	BL	BL	---	BL
BBP	ND	BL	BL	---	BL	BL	---	BL
DBP	ND	BL	BL	---	BL	BL	---	BL
DIBP	ND	BL	BL	---	BL	BL	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A49	A50	A51	A52	A53	A54	A55	A56
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	ND	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	---	BL	BL	BL	BL	---
PBDE	---	BL	---	BL	BL	BL	BL	---
DEHP	---	ND	---	ND	BL	ND	ND	---
BBP	---	ND	---	ND	BL	ND	ND	---
DBP	---	ND	---	ND	BL	ND	ND	---
DIBP	---	ND	---	ND	BL	ND	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A57	A58	A59	A60	A61	A62	A63	A64
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	---	BL	BL	BL	BL	BL	BL
PBDE	BL	---	BL	BL	BL	BL	BL	BL
DEHP	ND	---	BL	ND	ND	ND	ND	ND
BBP	ND	---	BL	ND	ND	ND	ND	ND
DBP	ND	---	BL	ND	ND	ND	ND	ND
DIBP	ND	---	BL	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A65	A66	A67	A68	A69	A70	A71	A72
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	---	---	BL
PBDE	BL	BL	BL	BL	BL	---	---	BL
DEHP	ND	ND	ND	ND	BL	---	---	ND
BBP	ND	ND	ND	ND	BL	---	---	ND
DBP	ND	ND	ND	ND	BL	---	---	ND
DIBP	ND	ND	ND	ND	BL	---	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A73	A74	A75	A76	A77	A78	A80	A81
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	---	BL	BL	BL	---	BL
PBDE	---	BL	---	BL	BL	BL	---	BL
DEHP	---	BL	---	ND	BL	BL	---	ND
BBP	---	BL	---	ND	BL	BL	---	ND
DBP	---	BL	---	ND	BL	BL	---	ND
DIBP	---	BL	---	ND	BL	BL	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A82	A83	A84	A85	A86	A87	A88	A89
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	---	---	---	---	BL	BL	ND
PBDE	---	---	---	---	---	BL	BL	ND
DEHP	---	---	---	---	---	ND	ND	BL
BBP	---	---	---	---	---	ND	ND	BL
DBP	---	---	---	---	---	ND	ND	BL
DIBP	---	---	---	---	---	ND	ND	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A90	A91	A92	A93	A94	A95	A96	A97
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	BL	BL	BL	BL	BL	BL
PBDE	---	BL	BL	BL	BL	BL	BL	BL
DEHP	---	ND	ND	ND	ND	ND	ND	ND
BBP	---	ND	ND	ND	ND	ND	ND	ND
DBP	---	ND	ND	ND	ND	ND	ND	ND
DIBP	---	ND	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A98	A99	A100	A101	A102	A103	A104	A105
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	---	BL	BL	ND	BL	---	BL
PBDE	BL	---	BL	BL	ND	BL	---	BL
DEHP	ND	---	ND	ND	BL	BL	---	ND
BBP	ND	---	ND	ND	BL	BL	---	ND
DBP	ND	---	ND	ND	BL	BL	---	ND
DIBP	ND	---	ND	ND	BL	BL	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A106	A107	A108	A109	A110	A111	A112	A113
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	---	BL	---	BL	BL	BL	---	BL
PBDE	---	BL	---	BL	BL	BL	---	BL
DEHP	---	ND	---	BL	ND	ND	---	BL
BBP	---	ND	---	BL	ND	ND	---	BL
DBP	---	ND	---	BL	ND	ND	---	BL
DIBP	---	ND	---	BL	ND	ND	---	BL
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A114	A115	A116	A117	A118	A119	A120	A121
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	BL
PBB	BL	BL	BL	BL	BL	BL	BL	BL
PBDE	BL	BL	BL	BL	BL	BL	BL	BL
DEHP	ND	ND	ND	ND	BL	BL	ND	ND
BBP	ND	ND	ND	ND	BL	BL	ND	ND
DBP	ND	ND	ND	ND	BL	BL	ND	ND
DIBP	ND	ND	ND	ND	BL	BL	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Test Item(s)	A122	A123	A124	A125	A126	A127	A128	A129
Pb	BL	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	BL	BL	BL	BL	BL	ND
PBB	---	BL	BL	BL	BL	BL	BL	---
PBDE	---	BL	BL	BL	BL	BL	BL	---
DEHP	---	BL	ND	ND	ND	ND	ND	---
BBP	---	BL	ND	ND	ND	ND	ND	---
DBP	---	BL	ND	ND	ND	ND	ND	---
DIBP	---	BL	ND	ND	ND	ND	ND	---
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	A130	A131	A132	A133	A134	A135	A136
Pb	BL	BL	BL	BL	BL	BL	BL
Hg	BL	BL	BL	BL	BL	BL	BL
Cd	BL	BL	BL	BL	BL	BL	BL
Cr(VI)▼	BL	BL	ND	BL	BL	BL	BL
PBB	BL	BL	---	BL	BL	---	BL
PBDE	BL	BL	---	BL	BL	---	BL
DEHP	ND	ND	---	ND	ND	---	ND
BBP	ND	ND	---	ND	ND	---	ND
DBP	ND	ND	---	ND	ND	---	ND
DIBP	ND	ND	---	ND	ND	---	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	PASS



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Notes:

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL= Over Limit, IN (The symbol X marks the region)=Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) below the limits are shown as "BL". Further chemical testing by GC-MS is to be performed if the results exceed limits.

Test Items	CAS No.
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate (DIBP)	84-69-5



(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Hg	Cd	DEHP	BBP	DBP	DIBP
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBB and PBDE is 100 mg/kg,

MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.

MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ =Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).

b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating

c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

(4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBB/PBDE/DEHP/BBP/DBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.

(5) IEC 62321 series is equivalent to EN 62321 series.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

Remark:

- Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.

This report updates sample photo.



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Sample Picture (As received)

Pic.1



Pic.2



Pic.3



Pic.4



Pic.5



Pic.6



Pic.7



Pic.8



Pic.9



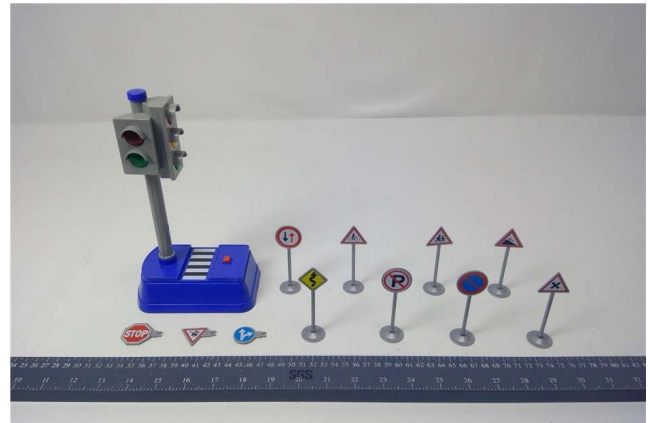
Pic.10



Pic.11



Pic.12



Pic.13



Pic.14



Pic.15



Pic.16



Pic.17



Pic.18



Pic.19



Pic.20



Pic.21



Pic.22



Pic.23



Pic.24



Pic.25



Pic.26



Pic.27



Pic.28



Pic.29



Pic.30



Pic.31



Pic.32



Pic.33



Pic.34



Pic.35



Pic.36



Pic.37



Pic.39



Pic.41



Pic.38



Pic.40



Pic.42



Pic.43



Pic.44



Pic.45



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*** End of Report ***

