

TEST REPORT

Report No.: WD2018090219EN

Date: Sep. 06, 2018

Page: 1 / 8

Applicant: GUANGZHOU KINGSLONG BAG&CASE CO. LIMITED

Address: ROOM B1, THIRD FLOOR, NO. 7 HUAYING STREET, JIAHEWANGGANG, BAIYUN DISTRICT, GUANGZHOU, CHINA. 510440

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

Sample Name: Anti-theft Backpack
Sample Model: CNS-CBP5BG9
Use of Sample: Anti-theft Backpack
Order No.: KSLPI1807014
Color: Gray and Black
Manufacturer: Guangzhou Kingslong Bag & Case CO., Limited
Supplier: Guangzhou Kingslong Bag & Case CO., Limited
Buyer: ASBISc Enterprises PLC
Sample Received Date: Sep. 03, 2018
Completed Date: Sep. 06, 2018

Test Result(s): Please refer to next page(s).**Test Requested and Conclusion(s):**

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	RoHS 2.0 Directive 2011/65/EU and its subsequent amendments	PASS

Edited by: *Grace Tang* Reviewed by: *phoebe Zhang* Approved by: *Andy zhu*

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TEST REPORT

Report No.: WD2018090219EN

Date: Sep. 06, 2018

Page: 2 / 8

Test Result(s):

RoHS - Lead (Pb)/Cadmium(Cd)/Mercury(Hg)/Hexavalent Chromium(Cr⁶⁺)/PBBs/PBDEs

Method: With reference to IEC 62321-3-1: 2013/ IEC 62321-4&5: 2013/ IEC 62321-6: 2015/ IEC 62321-7-1: 2015/ IEC 62321-7-2:2017, analyzed by EDXRF & ICP-AES & GC-MS & UV-Vis.

Material No.	Substances	EDXRF Result *	Chemical Result #(mg/kg)	Conclusion
1	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
2	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
3	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
4	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
5	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS

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TEST REPORT

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Date: Sep. 06, 2018

Page: 3 / 8

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Material No.	Substances	EDXRF Result *	Chemical Result #(mg/kg)	Conclusion
6	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
7	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
8	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
9	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
10	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS

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TEST REPORT

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Date: Sep. 06, 2018

Page: 4 / 8

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Material No.	Substances	EDXRF Result *	Chemical Result #(mg/kg)	Conclusion
11	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
12	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	--	--	NA
	PBDEs		--	NA
13	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
14	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS
15	Pb	BL	--	PASS
	Cd	BL	--	PASS
	Hg	BL	--	PASS
	Cr ⁶⁺	BL	--	PASS
	PBBs	BL	--	PASS
	PBDEs		--	PASS

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TEST REPORT

Report No.: WD2018090219EN

Date: Sep. 06, 2018

Page: 5 / 8

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (<RL).
 3. RL(Reporting Limit): 2 mg/kg for Pb/ Cd/ Hg/ Cr⁶⁺(Nonmetal material); 5 mg/kg for PBBs & PBDEs.
 4. LOQ(limit of quantification)(Cr⁶⁺)=0.10µg/cm².
 5. "▼"=a. when Cr(VI) in a sample is detected above 0.13 µg/cm², the sample is considered to be **Positive** for Cr(VI).
b. when Cr(VI) in a sample is detected below 0.10 µg/cm², the sample is considered to be **Negative** for Cr(VI).
c. when Cr(VI) in a sample is detected between 0.10 µg/cm² and 0.13 µg/cm², the result was **Inconclusive**.
 6. "*" = It is the result on total Cr and Br while test substances are Cr⁶⁺ and PBBs & PBDEs.
 7. "#" = Result are obtained by EDXRF for primary screening, if the result exceeds the below limit (BL), and further chemical testing.
 8. NA=Not Applicable.
 9. "E1" = This material is copper alloy proved by client, Lead as a copper alloy containing up to 40000ppm on the requirements of RoHS Directive 2011/65/EU.

Screening limits in mg/kg for regulated elements in various matrices

Elements	Polymer	Metal	Composite Materials
Pb	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(500-3σ)<X<(1500+3σ)≤ OL
Cd	BL≤(70-3σ)<X<(130+3σ)≤ OL	BL≤(70-3σ)<X<(130+3σ)≤ OL	LOD<X<(150+3σ)≤ OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(500-3σ)<X<(1500+3σ)≤ OL
Cr	BL≤(700-3σ)<X	BL≤(700-3σ)<X	BL≤(500-3σ)<X
Br	BL≤(300-3σ)<X	--	BL≤(250-3σ)<X

BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection

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TEST REPORT

Report No.: WD2018090219EN

Date: Sep. 06, 2018

Page: 6 / 8

Test Material List

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
1	Dark gray foam	Lining
2	Blue mesh cloth	Lining
3	White foam	Lining
4	White non woven cloth	Lining
5	Black plastic	Zipper teeth
6	Black fabric	Zipper cloth
7	Dark blue plastic	Zipper teeth
8	Dark blue fabric	Zipper cloth
9	Black fabric with silver printing	Braid belt
10	Beige foam	Lining
11	Gray/blue soft plastic	Zipper puller
12	Silvery metal	Zipper puller
13	Black soft plastic	Cover
14	Black plastic	Adjustment buckle
15	Black plastic	Button

Photo of Sample:



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TEST REPORT

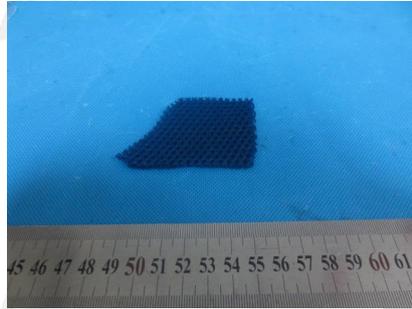
Report No.: WD2018090219EN

Date: Sep. 06, 2018

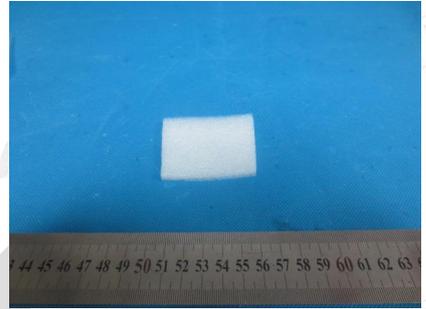
Page: 7 / 8



1



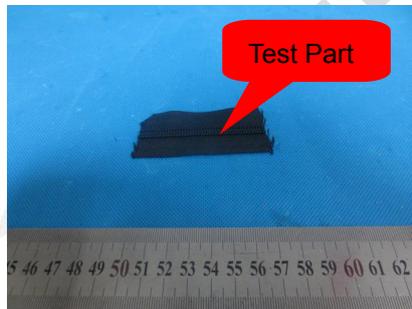
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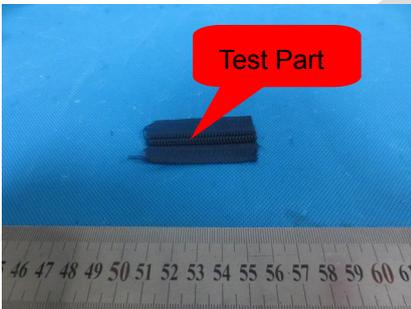
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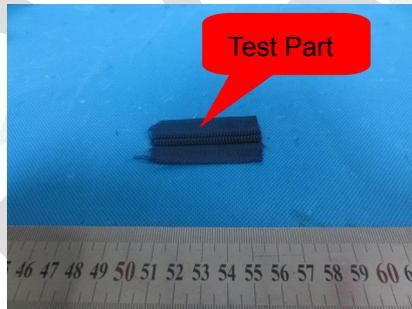
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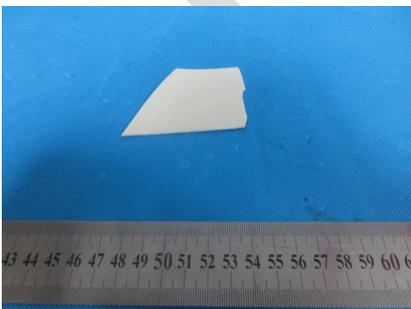
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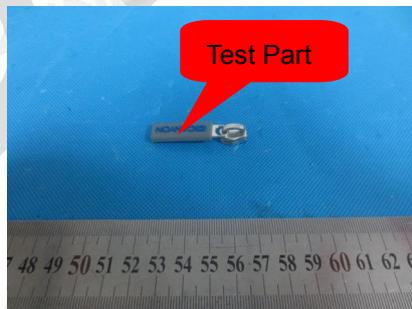
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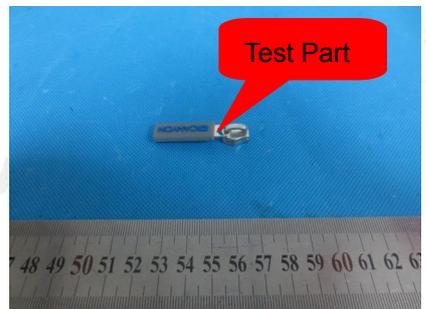
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10



11



12

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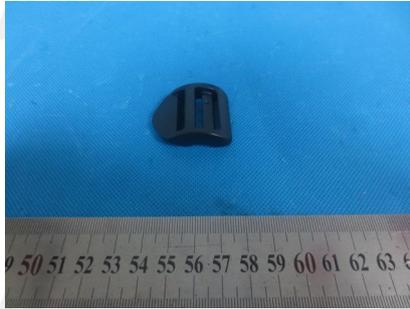
Report No.: WD2018090219EN

Date: Sep. 06, 2018

Page: 8 / 8



13



14



15

End of Report

DRAFT

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