

No. : SH210400002C	01E Report Date: 2021/04/07	5 55 55 55 55										
Applicant : Address	Jiangsu Qitai Latex Co., Ltd. No. 8, Zhengze Road, Situ Town, Danyang City, J	iangsu Province, China										
The following sample(s) was/were submitted and identified by/on behalf of the applicant as:												
Sample Name :	Resistance Belt Set											
model :	ZLD-5	57 57 57 57 57										
Receiving Date :	2021/04/01	57 57 57 57 57										
Testing Period :	2021/04/01- 2021/04/07	5 5 5 5 5										
Test Requested :	Please refer to next page(s).	5° 5° 5° 5° 5° 5°										
Test Method :	Please refer to next page(s).											
Test Results :	Please refer to next page(s).											
Conclusion	Based on the analysis on the submitted sample, the r	results do comply with the										
⁵ 5 ⁵ 5 ⁵ 5	requirement of RoHS Directive (EU)2015/863.	5 55 55 55 55										
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	Xiao Chuan. Ling	Yan Feng Luo										
Approved by Salvia	Hu Reviewed by XiaoChuan Ling Page 1 of 5	Redact by YanFeng Luo										

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TEST RESULTS: RoHS 2.0

No.	Test Items	Meth ods	MDL (mg/kg	Results (mg/kg)					Limited Value*
	5 25 25 25 25		S	S1 ,	<u>5</u> 2	3	4	59	(mg/kg)
N	Pb V	M1	2	N.D.	N.D.	N.D.	N.D.	N.D.	1000
2	Cd Cd		2	N.D.	N.D.	N.D.	N.D.	N.D.	100
3	Ĥg	M2	2	N.D.	N.D.	N.D.	N.D.	N.D.	1000
4	Cr (VI)	M3	2	N.D.	N.D.	N.D.	N.D.	N.D.	1000
	Monobromobiphenyl (MonoBB)	3	5	N.D.	N.D.	N.D.	N.D.	N.D.	49
	Dibromobiphenyl (DiBB)		5	N.D.	N.D.	N.D.	N.D.	N.D.	<u> </u>
	S Tribromobiphenyl (TriBB)	15	151	N.D.	Ŋ.D.	N.D.	N.D.	N.D.	75
S	Tetrabromobiphenyl (TetraBB)	\mathcal{S}	5 5	N.D.	N.D.	N.D.	N.D.	N.D.	<u>)-</u>
	Pentabromobiphenyl (PentaBB)	,6	5	N.D.	N.D.	N.D.	N.D.	N.D.	-5
5	Hexabromobiphenyl (HexaBB)	S'.	5	N.D.	N.D.	N.D.	N.D.	N.D.	<u></u>
	Heptabromobiphenyl (HeptaBB)		5	N.D.	N.D.	N.D.	N.D.	N.D.	
	Octabromobiphenyl (OctaBB)	3	5	N.D.	N.D.	N.D.	N.D.	N.D.	4
\sim	Nonabromobiphenyl (NonaBB)		5	N.D.	N.D.	N.D.	N.D.	N.D.	<u> </u>
	Decabromobiphenyl (DecaBB)	5	× 5 ×	N.D.	N.D.	N.D.	N.D.	N.D.	49
	Total PBBs / sum of above		<u> </u>	N.D.	N.D.	N.D.	N.D.	N.D.	1000
	Monobromodiphenyl ether (MonoBDE)	M4	<u>,</u> 45	N.D.	Ŋ.D.	N.D.	N.D.	N.D.	75
Ś	Dibromodiphenyl ether (DiBDE)	S.	5 5	N.D.	N.D.	N.D.	N.D.	N.D.	5
	Tribromodiphenyl ether (TriBDE)	.6	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Ś	Tetrabromodiphenyl ether (TetraBDE)	S,	5	N.D.	N.D.	N.D.	N.D.	N.D.	<u> </u>
	Pentabromodiphenyl ether (PentaBDE)		5	N.D.	N.D.	N.D.	N.D.	N.D.	
	Hexabromodiphenyl ether (HexaBDE)	3	5	N.D.	N.D.	N.D.	N.D.	N.D.	4
	Heptabromodiphenyl ether (HeptaBDE)		5	N.D.	N.D.	N.D.	N.D.	N.D.	\sim
	Octabromodiphenyl ether (OctaBDE)	15	× 5 ×	N.D.	N.D.	N.D.	N.D.	N.D.	A
	Nonabromodiphenyl ether (NonaBDE)	\mathcal{O}	5	N.D.	N.D.	N.D.	N.D.	N.D.	<u>)</u>
	Decabromodiphenyl ether (DecaBDE)	15	<u> </u>	N.D.	Ŋ.D.	N.D.	N.D.	N.D.	
	Total PBDEs / sum of above	SÍ.	5 5	N.D.	N.D.	N.D.	N.D.	N.D.	1000
7	Dibutyl Phthalate(DBP)	5	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000
8	Benzylbutyl Phthalate(BBP)	$\langle \hat{\mathcal{N}} \rangle$	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000
9	Di-(2-ethylhexyl)Phthalate(DEHP)	M5	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000
10	Diisobutyl phthalate(DIBP)	5	50	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Remark : *The Limited value is based on the RoHS Directive (EU)2015/863.



No. : SH210400002C01E

7)

Report Date: 2021/04/07

Note: 1) "----" = Not Regulated.

- 2) N.D. = Not detected, less than MDL.
- 3) M1: With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.
- 4) M2: With reference to IEC 62321-4:2013+AMD1:2017 CSV, analysis was performed by ICP-OES.
- 5) M3: With reference to IEC 62321-7-2:2017, analysis was performed by UV-Vis.
- 6) M4: With reference to IEC 62321-6: 2015, analysis was performed by GC-MS.
 - M5: With reference to IEC 62321-8: 2017, analysis was performed by GC-MS.
- 8) The data in this report can be used for scientific research, teaching, internal quality control and product development.

TEST PART DESCRIPTION:

1.Red plastic 2.Black plastic

3.Purple plastic 4.Green Plastic 5.Blue Plastic **FLOW CHART**

1. Test for Pb、Hg、Cd Content

Weigh sample and place in a digestion vessel.

Add suitable digestion acid in the digestion vessel.

Digest sample completely in microwave digestion oven.

Analyze by ICP-OES.

Glass Plastic

Others

Sample Material

Make up with deionized water.

Digestion Acid

H₂SO₄, H₂O₂, HNO₃, HCl

Any acid to total digestion.

HNO₃/HF

Transfer the digestive solution into a suitable volumetric flask.

. Test for Chromium(VI)Content

Weigh sample in

a flat-bottomed bottle.

Add appropriate amount of digestion reagent and heating.

Measure the absorbance at 540nm by UV-Vis.

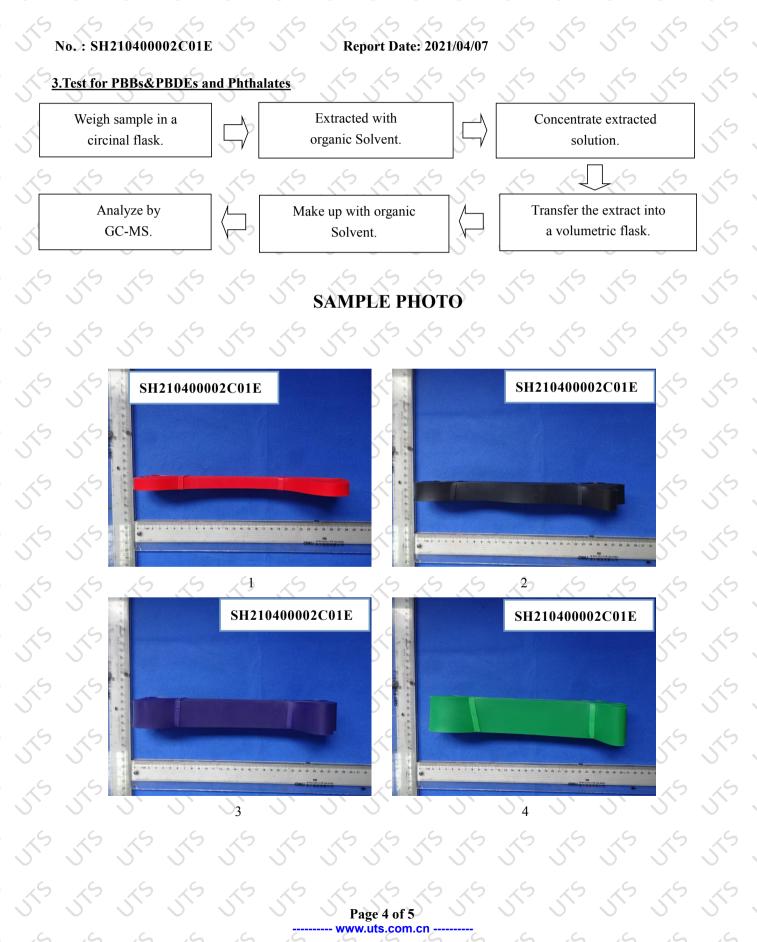
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Add diphenyl-carbazide, and make up to the mark.

Page 3 of 5 www.uts.com.cn Cool, filter then adjust the pH of the filtrate to 7.5±0.5.

Adjust the pH of the solution to 2.0 ± 0.5 .







No. : SH210400002C01E

Report Date: 2021/04/07



Page 5 of 5 ------ www.uts.com.cn