

Applicant's name...... Qingdao Youmeng Home Furnishing Technology CO.,LTD

SHANDONG PROVINCE, CHINA

Manufacturer Qingdao Youmeng Home Furnishing Technology CO.,LTD

SHANDONG PROVINCE, CHINA

Trade Mark.....

垫博士

Test item description.....: Youmeng pressure-less high and low pillow

Model/Type reference..... MHL001

Report Number. B1905TR8103R

Date of receipt of test item...... May 13, 2019

Date(s) of performance of tests......... May 13, 2019 ~May 21, 2019

Test Requested:

(1) For compliance with RoHS directive 2011/65/EU to determine the Lead, Cadmium, Mercury, Chromium in the submitted sample.

(2) Determination of Polybrominated Biphenyl (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) of the submitted sample.

Test Method:

- (1) With reference to IEC 62321-3-1:2013, scanning by XRF Spectroscopy
- (2) Wet Chemical test method:

With reference to IEC 62321-5:2013, determination of Lead, Cadmium, by ICP

With reference to IEC 62321-4:2013, determination of Mercury by ICP

With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by UV-VIS

With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS

With reference to EN 14372:2004, determination of DBP, BBP, DEHP, DIBP by GC-MS

Test Results: Please refer to next page.

Conclusion:

The test result of submitted sample complies with the requirement of 2011/65/EU.

Signed for and on behalf of

Shenzhen Bory Technology Service Co., Ltd.

Usher Kuang

PSQ Executive

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Product description

Report No.: B1905TR8103R

No.	Sample of Description	×.
STATE STEET OF A	Pillowslip(Polyester)	
The still 2 still strain	TPE elastomer material(LDPE)	1
	White coating	
6 6 4 X 3 6 1 1 1 6 6	zipper w	1

Test Results:

Test Items	Test Method/ Equipment	MDL	EU ROHS Directive 2011/65/EU and its amendment Directive EU 2015/863
Lead(Pb)	Refer to IEC62321-	2ppm	1000ppm
Cadmium(Cd)	5:2013. ICP-OES/AAS	2ppm	100ppm
Mercury(Hg)	Refer to IEC62321- 4:2017. ICP-OES	2ppm	1000ppm
Hexavalent Chromium(Cr(VI)) by Alkaline extraction	Refer to IEC 62321-7-2:2017. UV-VIS	2ppm	1000ppm
Polybrominated Biphenyls(PBBs)	ELECTION OF A BOOK THE	SAN GER	E TO CHE A POST OF STATE STATE OF
Monobromobiphenyl	Contract to Boy By	5ppm	STEP STORY OF STATE STATE
Dibromobiphenyl		5ppm	TO SEE PANGE IN BORE THE
Tribromobiphenyl		5ppm	ELINA SELENCE IN SECOND
Tetrabromobiphenyl		5ppm	TELLING STEETING IN ASS
Pentabromobiphenyl		5ppm	1000ppm
Hexabromobiphenyl		5ppm	1000ppin
Heptabromobiphenyl		5ppm	THE STATE OF STEELS AND STEELS AN
Octabromobiphenyl	Defer to	5ppm	CONTRACTOR AND STATE OF SELECTION OF SELECTI
Nonabromobiphenyl	Refer to - IEC 62321-6:2015 GC-	5ppm	Sand the state of the first of
Decabromobiphenyl	- MS	5ppm o	SE BUNGA AS STATE STATE
Polybrominated Diphenylethers (PBDEs)	The self of the se	E A HE	
Monobromobiphenyl ether	TV HE STATE OF SHEET WELL	5ppm	A STATE OF SET AND SET AS SET AS SET
Dibromobiphenyl ether	SE THE STITUTE OF STREET	5ppm	A THE STEET OF SEED AND SEE TO
Tribromobiphenyl ether	B. B. J. H. S. LILY O. S. E. L.	5ppm	BO THE THE STEET OF THE TOTAL THE
Tetrabromobiphenyl ether	A Wall of The Print of	5ppm	1000ppm
Pentabromobiphenyl ether	The the Bold of the State of the	5ppm	State of the state
Hexabromobiphenyl ether	E PARTY OF A POST AT THE IS	5ppm	E North & BE TIME S
Heptabromobiphenyl ether	SHELL NOW AS OF THE	5ppm	SE PENDOCE OF BOAT THE STITUTE

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Test Report

Octabromobiphenyl ether	5ppm - 4 6 6 2 10 6 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Nonabromobiphenyl ether	5ppm
Decabromobiphenyl ether	Sppm Color C

	0 0, 0 ,	(C)	7 // 21	Cor	tent (ppm)	A - A - 62 - S - 1	7. S. S. S. A. 12. S. 77.
No.	Pb	Cd	Hg	Cr	PBBs	PBDEs	Wet Chemical testing
JO 01 8	BL	BL	BL &	BL 15	M BL	St. BL &	Not tested
F 2 0	«BL«	BE	BLO W	BE	E BLOGS	BL	Cr6+: Negative
6 3 3 A	ELO OF	BL	o Ble Min	& BL of	BLITT	BL	Not tested

Toot Itoma	Content					
Test Items	A A A A A A A A A A A A A A A A A A A	Set of Set a	OF AND	STITE SO SET	ENTOFIE &	of at the st
Lead(Pb)	F N.D.	The State of the state of	W Pord	The State of	Strate St	A POPIN THE
Cadmium(Cd)	N.D.	STATE OF SHEET	Moter to the	E L. N. STA	So St. Ry Mich	W Blother?
Mercury(Hg)	N.D.	HE STEEL S	all all the	BOT A THE	THE PSECOND	Weight I go Age
Hexavalent Chromium(Cr(VI)) by Alkaline extraction	N.D.			Se to the second		



Test Items	Test Method/ Equipment	MDL	EU ROHS Directive 2011/65/EU and its amendment Directive EU 2015/863
Dibutyl phthalate (DBP)	The office of the state of	30ppm	CHEROLD BETTER
Butylbenzyl phthalate (BBP)	Refer to BS EN	30ppm	A OOO THE STATE OF
Di-(2-ethylhexyl) Phthalate (DEHP)	14372:2004, GC-MS	30ppm	1000ppm
Di-iso-butyl phthalate (DIBP)	OF A THE STITUTE SELECTION	30ppm	THE STATE OF SHEET AND THE WAS A

0	No	Content (ppm)				
1	No.	DBP	ВВР	DEHP	DIBP	
000	STITUTE OF	E STORE BLOT E SE	BL BL	E THE TOTAL STREET	W SO F BLAS IN SO	
7	40 2 H	SELECTION OBL SECTION	BLANCH	POP AND BLOWN OF BUT PAN	BLARE	
5	3.5	E BLY BLY	A LO LIT BL St garden	BLO STILLO SE	BLOF A THE	

Note:

- 1. BL=Below Limit
- 2. N.D.=Not Detected (Not detected is reported when the reading is less than detection limit value.)
- 3. "IN" expresses the inconclusive region, and further chemical testing to confirm whether it complies with the requirement of RoHS Directive.
- 4. Negative=absence of Cr(VI) in the metallic smaple
 - Positive= presence of Cr(VI) in the metallic sample
 - (The tested sample should further verifie by boiling-water-extraction method if the spot test result cannot be confirmed)

Boiling-water-ectraction:

Negative=absence of Cr(VI) in the metallic sample

Positive=presence of Cr(VI) in the metallic sample

Boiling-water-extraction solution is equal or greater that 0.02mg/kg with 50cm² sample surface area.

5. MDL=Method Detection Limit

Remark:

- (1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr⁶⁺.
- (b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP(for Cd, Pb, Hg), UV-VIS(for CrVI) and GCMSD (for PBBs, PBDEs) is recommended to be performed. If the concentration exceeds the below warning value according to IEC 62321 Ed.1 111/95/2nd CDV (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd C	BL≤(70-3σ) <x<(130+3σ)< th=""><th>BL≤(70-3σ)<x<(130+3σ)< th=""><th>LOD<x<(150+3σ) th="" ≤ol<=""></x<(150+3σ)></th></x<(130+3σ)<></th></x<(130+3σ)<>	BL≤(70-3σ) <x<(130+3σ)< th=""><th>LOD<x<(150+3σ) th="" ≤ol<=""></x<(150+3σ)></th></x<(130+3σ)<>	LOD <x<(150+3σ) th="" ≤ol<=""></x<(150+3σ)>
STILL OF SHE	SOL DESCRIPTION	Secretary Section Section 19 10 10 10 10 10 10 10 10 10 10 10 10 10	THE THE WAY TO BE SAILED FREE TO

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Pb &	BL≤(700-3σ) <x<(1300+3σ)< th=""><th>BL≤(700-3σ)<x<(1300+3σ)< th=""><th>BL≤(500-3σ)<x<(1500+3σ)< th=""></x<(1500+3σ)<></th></x<(1300+3σ)<></th></x<(1300+3σ)<>	BL≤(700-3σ) <x<(1300+3σ)< th=""><th>BL≤(500-3σ)<x<(1500+3σ)< th=""></x<(1500+3σ)<></th></x<(1300+3σ)<>	BL≤(500-3σ) <x<(1500+3σ)< th=""></x<(1500+3σ)<>
	≤OL	≤OL	≤OL
Hg Je	BL≤(700-3σ) <x<(1300+3σ)< th=""><th>BL≤(700-3σ)<x<(1300+3σ)< th=""><th>BL≤(500-3σ)<x<(1500+3σ)< th=""></x<(1500+3σ)<></th></x<(1300+3σ)<></th></x<(1300+3σ)<>	BL≤(700-3σ) <x<(1300+3σ)< th=""><th>BL≤(500-3σ)<x<(1500+3σ)< th=""></x<(1500+3σ)<></th></x<(1300+3σ)<>	BL≤(500-3σ) <x<(1500+3σ)< th=""></x<(1500+3σ)<>
	≤OL	≤OL	≤OL
Br	BL≤(300-3σ) <x< td=""><td>6 8 18 18 18 1 - B 8 2 1 18 18 18 18 18 18 18 18 18 18 18 18 1</td><td>BL≤(250-3σ)<x< td=""></x<></td></x<>	6 8 18 18 18 1 - B 8 2 1 18 18 18 18 18 18 18 18 18 18 18 18 1	BL≤(250-3σ) <x< td=""></x<>
Cr. Cr.	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ)<x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>

- (c) OL=Over Limit, BL=Below Limit. LOD=limit of Detection, ---=not conducted.
- (d) The XRF screening test for RoHS elements- The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a)mg/kg=ppm=0.0001%, N.D.=not detected(<MDL),
- (b)Unit and Method Detection Limit(MDL) in wet chemical test.

Test Items	Pb	Cd	Hg
Units	Mg/kg	Mg/kg	Mg/kg
S MDL S	4 St 2 15 6	1 2 1 2 1 1 C	* * * 2- \ \dil

The MDL for single compound of PBBs & PBDEs is 5mg/kg and MDL of Cr⁶⁺ for polymer & composite sample is 2mg/kg.

(c) According to IEC 62321:2009 Ed.1 111/95/2nd CDV, result on Cr⁶⁺ for metal sample is shown as Positive/Negative.

Negative=Absence of Cr6+ coating, Positive= Persence of Cr6+ coating.

(d)According to 2005/717/EC, DecaBDE is exempt.

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PHOTOS:

Model: MHL001









