

**Test Report**

Number: SHAH01827314

Applicant: ZHEJIANG JEMA INDUSTRIAL CO., LTD.  
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ECONOMIC AND TECHNOLOGICAL  
DEVELOPMENT ZONE, HANGZHOU,  
ZHEJIANG, CHINA  
Attn: YI LU

Date: 17 Jun, 2025

**Sample Description:**

One (1) group of submitted sample said to be :

Item Name : Pom pom Pillow Bed; Memory Foam Bed  
Item No. : BRPB014; SCBG017  
Quantity : 2  
Goods Exported To : Netherlands

**Tests Conducted:**

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:  
Intertek Testing Services Ltd. Zhejiang



Bobo Yao  
Assistant General Manager



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Conclusion:

| <u>Tested Components</u>                   | <u>Standard</u>                                                                                                                                                                                                                                 | <u>Result</u> |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Tested Components of Submitted Samples     | Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006 | Pass          |
| Tested Component(s) of Submitted Sample(s) | Nickel content requirement in Annex XVII Item 27 of The REACH Regulation (EC) No.1907/2006& Amendment No.552/2009                                                                                                                               | Pass          |
| Tested Components of Submitted Samples     | Lead content requirement in Commission Regulation (EU) 2015/628 of 22 April 2015 Amending Annex XVII Entry 63 of the REACH Regulation (EC) No. 1907/2006                                                                                        | Pass          |
| Tested Components of submitted sample      | Azocolourants content requirement in Annex XVII Item 43 of the REACH Regulation (EC) No. 1907/2006 & Amendment (EC) No. 552/2009 and (EU) 2020/2096                                                                                             | Pass          |
| Tested Component of Submitted Sample       | Organotin content requirement in Annex XVII item 20 of the REACH Regulation (EC) No. 1907/2006 & amendment (EU) No. 276/2010                                                                                                                    | Pass          |
| Tested Components of Submitted Sample      | EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content                                                                                                                                                 | Pass          |
| Tested Components of Submitted Sample      | Regulation (EU) No 2019/1021 on Persistent Organic Pollutants (POPs) and Amendment (EU) 2021/277 for Pentachlorophenol (PCP) content                                                                                                            | Pass          |
| Tested Components of Submitted Sample      | European Directive 94/62/EC and Amendments 2004/12/EC & 2005/20/EC & 2013/2/EU on Packaging and Packaging Waste for Toxic Elements Test                                                                                                         | Pass          |

To be continued

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Intertek Testing Services Ltd. Zhejiang



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Assistant General Manager



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Tests Conducted

**1. REACH Regulation (EC) No. 1907/2006 ANNEX XVII Entry 23 on Cadmium (Cd) Content**

With reference to methods IEC 62321-5: 2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

| Test Item    | Result (%) |        | Detection Limit (%) | Limit(%)<br>(Max.) |
|--------------|------------|--------|---------------------|--------------------|
|              | (2+12)     | (3+13) |                     |                    |
| Cadmium (Cd) | ND         | ND     | 0.0005              | 0.01               |

(Painted Article)

| Test Item    | Result (%) |  | Detection Limit (%) | Limit(%)<br>(Max.) |
|--------------|------------|--|---------------------|--------------------|
|              | (1+11)     |  |                     |                    |
| Cadmium (Cd) | ND         |  | 0.0005              | 0.1                |

Remark: ND = Not Detected (Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025

Testing Period: May 28, 2025 to Jun 11, 2025

**2. Release of Nickel for Direct Prolonged Skin Contact Products (Coated Item) (EU REACH Annex XVII Entry 27)**

As per EN 12472: 2020 and EN 1811: 2023, by Inductively Coupled Argon Plasma Spectrometry (ICP) analysis.

| Tested Components | Trial | Sample Area<br>(cm <sup>2</sup> ) | Volume of Test Solution<br>(ml) | Result<br>( $\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$ ) |
|-------------------|-------|-----------------------------------|---------------------------------|---------------------------------------------------------------------|
| (6)               | 1     | 5.0                               | 5.0                             | ND                                                                  |
|                   | 2     | 5.0                               | 5.0                             | ND                                                                  |
|                   | 3     | 5.0                               | 5.0                             | ND                                                                  |
| (7)               | 1     | 3.8                               | 3.8                             | ND                                                                  |
|                   | 2     | 3.8                               | 3.8                             | ND                                                                  |
|                   | 3     | 3.8                               | 3.8                             | ND                                                                  |
| (17)              | 1     | 8.0                               | 8.0                             | ND                                                                  |
|                   | 2     | 8.0                               | 8.0                             | ND                                                                  |
|                   | 3     | 8.0                               | 8.0                             | ND                                                                  |
| (18)              | 1     | 4.2                               | 4.2                             | ND                                                                  |
|                   | 2     | 4.2                               | 4.2                             | ND                                                                  |
|                   | 3     | 4.2                               | 4.2                             | ND                                                                  |

Requirement:  $0.5 \mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$



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Remark: Detection Limit =  $0.05 \mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}$

ND=Not Detected (Less than detection limit)

$\Delta$  = According to EN 1811:2023, compliance decision was made based on the following rules.

| <u>Limit (<math>\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}</math>)</u> | <u>Result(<math>\mu\text{g}\cdot\text{cm}^{-2}\cdot\text{week}^{-1}</math>)</u> | <u>Compliance Assessment</u> |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------|
| 0.5                                                                             | $\leq 0.88$                                                                     | Pass                         |
|                                                                                 | $> 0.88$                                                                        | Fail                         |

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025

Testing Period: May 28, 2025 to Jun 17, 2025

**3.Lead (Pb) Content (REACH Regulation (EC) No 1907/2006 Annex XVII Entry 63)**

With reference to method IEC 62321-5:2013, microwave digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Test Item</u> | <u>Result (%)</u> |        |        | <u>Reporting Limit (%)</u> | <u>Limit (%)</u> |
|------------------|-------------------|--------|--------|----------------------------|------------------|
|                  | (1+11)            | (2+12) | (3+13) |                            |                  |
| Lead (Pb)        | ND                | ND     | ND     | 0.002                      | 0.05             |

The limit was quoted according to Commission Regulation (EU) 2015/628 amending the REACH Regulation (EC) No 1907/2006 Annex XVII (Entry 63) for Lead content in articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use.

Remark: ND = Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025

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**4. Detection of Amines Derived from Azocolourants and Azodyes**

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.

Test Method: EN ISO 14362-1: 2017 for Textile Material  
EN ISO 17234-1: 2015 for Leather Material  
EN ISO 14362-3: 2017 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

|     | Forbidden                                | Cas No.  | Result (ppm) |           |          |           |
|-----|------------------------------------------|----------|--------------|-----------|----------|-----------|
|     |                                          |          | Method T     |           | Method D |           |
|     |                                          |          | (3+13)       | (4+14+15) | (3+13)   | (4+14+15) |
| 1.  | 4-Aminodiphenyl                          | 92-67-1  | N            | N         | N        | N         |
| 2.  | Benzidine                                | 92-87-5  | N            | N         | N        | N         |
| 3.  | 4-Chloro-o-Toluidine                     | 95-69-2  | N            | N         | N        | N         |
| 4.  | 2-Naphthylamine                          | 91-59-8  | N            | N         | N        | N         |
| 5.  | o-Aminoazotoluene                        | 97-56-3  | N            | N         | N        | N         |
| 6.  | 2-Amino-4-Nitrotoluene                   | 99-55-8  | N            | N         | N        | N         |
| 7.  | p-Chloroaniline                          | 106-47-8 | N            | N         | N        | N         |
| 8.  | 2,4-Diaminoanisole                       | 615-05-4 | N            | N         | N        | N         |
| 9.  | 4,4'-Diaminodiphenylmethane              | 101-77-9 | N            | N         | N        | N         |
| 10. | 3,3'-Dichlorobenzidine                   | 91-94-1  | N            | N         | N        | N         |
| 11. | 3,3'-Dimethoxybenzidine                  | 119-90-4 | N            | N         | N        | N         |
| 12. | 3,3'-Dimethylbenzidine                   | 119-93-7 | N            | N         | N        | N         |
| 13. | 3,3'-Dimethyl-4,4'diaminodiphenylmethane | 838-88-0 | N            | N         | N        | N         |
| 14. | p-Cresidine                              | 120-71-8 | N            | N         | N        | N         |
| 15. | 4,4'-Methylene-Bis(2-Chloroaniline)      | 101-14-4 | N            | N         | N        | N         |
| 16. | 4,4'-Oxydianiline                        | 101-80-4 | N            | N         | N        | N         |
| 17. | 4,4'-Thiodianiline                       | 139-65-1 | N            | N         | N        | N         |
| 18. | o-Toluidine                              | 95-53-4  | N            | N         | N        | N         |
| 19. | 2,4-Toluylenediamine                     | 95-80-7  | N            | N         | N        | N         |
| 20. | 2,4,5-Trimethylaniline                   | 137-17-7 | N            | N         | N        | N         |
| 21. | o-Anisidine                              | 90-04-0  | N            | N         | N        | N         |
| 22. | p-Aminoazobenzene                        | 60-09-3  | N            | N         | N        | N         |

Remark: N = Not Detected  
Detection Limit = 5 ppm  
Requirement = 30 ppm (Max.)  
ppm = Parts per million = mg/kg

Method T: Direct buffer extraction as per EN ISO 14362-1: 2017 Section 10.2  
Method D: Colourant extraction with Xylene as per EN ISO 14362-1: 2017 Section 10.1

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025  
Testing Period: May 28, 2025 to Jun 05, 2025



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**5.Organotin Content Screening**

By acid digestion and determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Test Components</u> | <u>Result (%. w/w) of Tin</u> | <u>Requirement (%. w/w) of Tin</u> |
|------------------------|-------------------------------|------------------------------------|
| (3+13)                 | ND                            | 0.1                                |
| (4+5)                  | ND                            | 0.1                                |
| (14+15+16)             | ND                            | 0.1                                |

Remark : The above limit was quoted according to Annex XVII Item 20 of the REACH Regulation (EC) No. 1907/2006 & amendment (EU) No. 276/2010 for organotin content.

Detection limit = 0.005 % (w/w) of Tin

Tested Component: See component list in the last section of this report.

Date Sample Received: May 28, 2025

Testing Period: May 28, 2025 to Jun 12, 2025

**6.EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content**

By solvent extraction, followed by Gas Chromatography-Electron Capture Detector (GC-ECD) and Gas Chromatography-Negative Chemical Ionization-Mass Spectrometry (GC-NCI-MS) analysis.

(For Articles)

| <u>Test Item</u>                                    | <u>Result (%. w/w)</u> |       |            | <u>Detection Limit (%. w/w)</u> | <u>Limit (%.w/w)</u> |
|-----------------------------------------------------|------------------------|-------|------------|---------------------------------|----------------------|
|                                                     | (3+13)                 | (4+5) | (14+15+16) |                                 |                      |
| Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs) | ND                     | ND    | ND         | 0.01                            | 0.15                 |

The limit was quoted according to Annex I Part A of Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and its Amendments for Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs) content.

Remark: ND = Not detected (Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025

Testing Period: May 28, 2025 to Jun 16, 2025



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#### **7. EU POPs Regulation (EU) 2019/1021 and its Amendments on Pentachlorophenol (PCP) Content**

With reference to LFGB § 64 BVL B 82.02.8-2001 (Textile), solvent extraction was used and followed by Gas Chromatography-Mass Spectrometric (GC-MS) analysis.

| Test Item               | Result (mg/kg) |       |            | Detection Limit (mg/kg) | Limit (mg/kg) (Max.) |
|-------------------------|----------------|-------|------------|-------------------------|----------------------|
|                         | (3+13)         | (4+5) | (14+15+16) |                         |                      |
| Pentachlorophenol (PCP) | ND             | ND    | ND         | 0.1                     | 5                    |

The limit was quoted according to Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and Amendment (EU) 2021/277 for Pentachlorophenol (PCP) content.

Remark: ND = Not Detected (Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: May 28, 2025

Testing Period: May 28, 2025 to Jun 16, 2025

#### **8. European Directive 94/62/EC and it's Amendments on Packaging and Packaging Waste for Toxic Elements Test**

As per European Directive 94/62/EC and Amendments 2004/12/EC & 2005/20/EC & 2013/2/EU on packaging and packaging waste, acid digestion method was used and total toxic elements and Hexavalent Chromium content were determined by Inductively Coupled Argon Plasma Spectrometry and by UV-Visible Spectrophotometry.

| Test Item             | Result (ppm) |        | Detection Limit (ppm) | Limit (ppm) |
|-----------------------|--------------|--------|-----------------------|-------------|
|                       | (8+9+19)     | (10)   |                       |             |
| Lead (Pb)             | ND           | ND     | 5                     | --          |
| Cadmium (Cd)          | ND           | ND     | 5                     | --          |
| Mercury (Hg)          | ND           | ND     | 5                     | --          |
| Chromium VI (Cr (VI)) | ND           | ND     | 5                     | --          |
| Total                 | (0-20)       | (0-20) | --                    | 100         |

Remark: ND= Not detected (Less than detection limit)

ppm = parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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**Components List:**

Tested components:

- (1) Black coating on metal (Pom pom Pillow Bed)
- (2) Black plastic zipper teeth (Pom pom Pillow Bed)
- (3) Black fabric with transparent soft plastic (bottom) (Pom pom Pillow Bed)
- (4) Brown plush fabric (Pom pom Pillow Bed)
- (5) White fabric (lining) (Pom pom Pillow Bed)
- (6) Slivery metal with black coating (zipper slider) (Pom pom Pillow Bed)
- (7) Slivery metal with black coating (zipper puller) (Pom pom Pillow Bed)
- (8) Transparent soft plastic with black pattern (packaging) (Pom pom Pillow Bed)
- (9) Semi-transparent soft plastic with black pattern (packaging) (Pom pom Pillow Bed)
- (10) Brown corrugated carton with black pattern (packaging)
- (11) Black coating on metal (Momery Foam Bed)
- (12) Black plastic zipper teeth (Momery Foam Bed)
- (13) Black fabric with transparent soft plastic (bottom) (Momery Foam Bed)
- (14) Celadon plush fabric (Momery Foam Bed)
- (15) Light brown fabric (Momery Foam Bed)
- (16) White non-woven fabric (Momery Foam Bed)
- (17) Slivery metal with black coating (zipper slider) (Momery Foam Bed)
- (18) Slivery metal with black coating (zipper puller) (Momery Foam Bed)
- (19) Transparent soft plastic with black pattern (packaging) (Momery Foam Bed)



**Test Report**

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Tests Conducted



Picture 1



Picture 2



Picture 3



Picture 4

**Test Report**

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Tests Conducted



Picture 5



Picture 6

End of report

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