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Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH02061245

Applicant: KIDS STUFF LIMITED
RM 1201 MIRROR TOWER
61 MODY RD
TSIM SHA TSUI EAST KLN
HK

Date: Dec 15, 2016

Attn: HENRY YIH/LIAM FAN
KIDS PREFERRED LLC

Submitted sample said to be
Item Name

:
: **Moo Moo Socks - 2 pairs (3-12 Month), Hammie Socks - 2 pairs (3-12 Month), Clucky Socks - 2 pairs (3-12 Month), Baa-bs Socks - 2 pairs (3-12 Month), Bunnies Do Delights Socks - 2 pairs (0-6 Month), Glad Dreams Socks - 2 pairs (0-6 Month), Best Friends Socks - 2 pairs (0-6 Month)**

Item No.

: 100173, 100174, 100175, 100176, 100182, 100188, 100194

Quantity

: 2 sets

Labelled Age Group

: "0-6 MONTHS", "3-12 MONTHS"

Packaging Provided

: Yes

Vendor

: YM



For and on behalf of :
Intertek Testing Services HK Ltd.

Angel Y.F. Cheung
Vice President





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Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32 - Flammability test	Pass
(2) ASTM F963-11 - Flammability test on textile materials	Pass
(3) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Not Applicable
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Not Applicable
(4) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Not Applicable
(5) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment no. 552/2009 and 126/2013 (formerly known as Directive 2002/61/EC) - Azocolourants content requirement	Pass
(6) DIN 53160-1:2010 - Resistance to artificial saliva	See details enclosed
(7) DIN 53160-2:2010 - Resistance to artificial sweat	See details enclosed





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(1) Flammability Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32

The sample was tested and passed the requirements.

Tested component: (1) Knit.

Date sample received : Dec 08, 2016
Test Period : Dec 08, 2016 to Dec 16, 2016

(2) Flammability Test on Textile Materials

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11

The fabric sample was tested and passed the requirements.

Tested component: (1) Knit.

Date sample received : Dec 08, 2016
Test Period : Dec 08, 2016 to Dec 16, 2016

(3) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Not Applicable

Date sample received : Dec 08, 2016
Testing period : Dec 08, 2016 to Dec 09, 2016

(4) Cadmium (Cd) Content

Test Method : Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Not Applicable

Date sample received : Dec 08, 2016
Testing period : Dec 08, 2016 to Dec 09, 2016



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(5) Detection Of Amines Derived From Azocolourants and Azodyes

Test Method : By extraction on cut sample according to the below listed test method(s), followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis.

EN 14362-1 : 2012 for Textile Material
EN ISO 17234-1: 2010 for Leather Material
EN 14362-3 : 2012 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

No.	Forbidden Amine	CAS No.	Result			
			(1/4)	(2)	(3)	(5)
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

Tested components :

- (1) Blue knit (blue socks, white/blue pattern socks) .
- (2) Light yellow/brown/orange knit (yellow socks) .
- (3) Pink/deep pink/light grey knit (pink socks, stripped socks) .
- (4) Deep grey/deep yellow knit (grey socks, star pattern socks) .
- (5) White/light pink/green knit (flower pattern socks) .

Date sample received : Dec 08, 2016
Testing period : Dec 08, 2016 to Dec 14, 2016





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(6) Resistance to Artificial Saliva

Test Standard : Standard for determination of colour release of daily use articles DIN 53160-1:2010

<u>Tested Component</u>	<u>Colour Staining on Test Filter Paper</u>	<u>Grey Scale Grading</u>
(1)	NIL	5
(2)	NIL	5
(3)	NIL	5
(4)	NIL	5
(5)	NIL	5

Remark: Evaluating against ISO Grey Scale for Staining.
NIL = No staining was observed.

Tested components:

- (1) Blue knit (blue socks, white/blue pattern socks).
- (2) Light yellow/brown/orange knit (yellow socks).
- (3) Pink/deep pink/light grey knit (pink socks, stripped socks).
- (4) Deep grey/deep yellow knit (grey socks, star pattern socks).
- (5) White/light pink/green knit (flower pattern socks)

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 16, 2016





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(7) Resistance to Artificial Sweat

Test Standard : Standard for determination of colour release of daily use articles DIN 53160-2:2010

<u>Tested Component</u>	<u>Colour Staining on Test Filter Paper</u>	<u>Grey Scale Grading</u>
(1)	NIL	5
(2)	NIL	5
(3)	NIL	5
(4)	NIL	5
(5)	NIL	5

Remark: Evaluating against ISO Grey Scale for Staining.
NIL = No staining was observed.

Tested components:

- (1) Blue knit (blue socks, white/blue pattern socks).
- (2) Light yellow/brown/orange knit (yellow socks).
- (3) Pink/deep pink/light grey knit (pink socks, stripped socks).
- (4) Deep grey/deep yellow knit (grey socks, star pattern socks).
- (5) White/light pink/green knit (flower pattern socks)

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 16, 2016





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Sharp edge test

With reference to the section 4.7 of ASTM F963-16, the submitted sample was assessed for any sharpedge in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the section 4.9 of ASTM F963-16, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the clause 4.6 of the ASTM Standard Consumer Safety Specification on Toy safety F963-16. The submitted sample was assessed for small part in as-received state.

Age group for testing: All ages

Number of samples tested: Seven (7) pieces

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: Seven (7) pieces

Findings: No drawstring was found on the submitted sample.

Date sample received: Dec 08, 2016

Testing period: Dec 08, 2016 to Dec 13, 2016





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Sharp edge test

With reference to the Test Methods Section, Method M-00.2 (Sharp Edges) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the Test Methods Section, Method M-00.3 (Sharp Points) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the Test Methods Section, Method M-00.1 (Small components) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195. The submitted sample was assessed for small part in as-received state.

Age group for testing: All ages

Number of samples tested: Seven (7) pieces

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: Seven (7) pieces

Findings: No drawstring was found on the submitted sample.

Date sample received: Dec 08, 2016
Testing period: Dec 08, 2016 to Dec 13, 2016





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Sharp edge test

With reference to the section 4.6 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1: 2016, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the section 4.7 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1 : 2016, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the the section 4.4 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1 : 2016, The submitted sample was assessed for small part in as-received state.

Age group for testing: All ages

Number of samples tested: Seven (7) pieces

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: Seven (7) pieces

Findings: No drawstring was found on the submitted sample.

Date sample received: Dec 08, 2016

Testing period: Dec 08, 2016 to Dec 13, 2016





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Sharp edge test

With reference to the clause 4.7 of European Standard on Safety of Toys EN71-1:2014, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the clause 4.8 of European Standard on Safety of Toys EN71-1:2014, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : Seven (7) pieces

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference the clause 5.1 of European Standard on Safety of Toys EN71-1:2014. The submitted sample was assessed for small part in as-received state.

Age group for testing: All ages

Number of samples tested: Seven (7) pieces

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: Seven (7) pieces

Findings: No drawstring was found on the submitted sample.

Date sample received: Dec 08, 2016
Testing period: Dec 08, 2016 to Dec 13, 2016

End of report

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