

Test Report

Report No.: SHT09011000074

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Client : NANTONG GOLDEN PHOENIX TOY MANUFACTURING CO.LTD.
Address : NO. 869 NANYUAN MIDDLE ROAD QIDONG CITY JIANGSU CHINA

Report on the submitted sample said to be:

Sample Name : 8" Satin Pink Boxer Shorts / Pink Boxer Shorts
Item No. : 1175/20115
Exported to : U.S.A
Labelled Age Grading : Over three
Age Group Applied in Testing : Over 3 years
Sample Received Date : Jan.13, 2009
Resubmitted Sample Date : Jan.19, 2009
Sample Tested Date : Jan.13, 2009 to Jan.22, 2009

TEST REQUEST

- 1)ASTM F963-07^{e1} Standard Consumer Safety Specification for Toy Safety
- 2)US Consumer Products Safety Improvement Act 2008 (CPSIA)(H.R. 4040)
- Lead Content Test

CONCLUSION

PASS

PASS

Test Results: Please refer to next page(s)

Inspected by: Richard Lau , Approved by: Victor wang , Approved date: 2009-01-22
Engineer Victor wang
Lab Manager



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ASTM F963 -07^{e1}

AS SPECIFIED IN ASTM F963-07^{e1} STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality **.....	Pass
4.2	Flammability Test.....	Pass (See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	Pass (See Note 2)
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
5.	Safety Labeling Requirements	
5.2	Age Grading Labeling.....	Pass
7.	Producers Markings	
7.1	Producers Markings.....	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass

**Visual Examination

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

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Flammability Test on Textile Materials

Pass

AS SPECIFIED IN TITLE 16 PART 1610 CODE OF FEDERAL REGULATIONS U.S.A.

Sample	Condition	Burning Time (second)					Classification
		1	2	3	4	5	
Pink fabric	As received	DNI	DNI	DNI	DNI	DNI	Class 1
	After washing	DNI	DNI	DNI	DNI	DNI	Class 1

Classification :

Class 1 : Normal Flammability

-- DNI = Did Not Ignite

Note 2 :

ASTM F963-07^{e1} CLAUSE 4.3.5 - PAINT & SIMILAR SURFACE-COATING MATERIAL

Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	<u>Result(mg/kg)</u>	<u>Limit</u>
	Black coating(label)	(mg/kg)
Total Lead	< 5	600

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-07^{e1} (Clause 8.3) and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Remark:

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- As received, the test portion of black coating(label) is less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-07^{e1} Clause 8.3.3.1 (2)

Note:

- Only applicable clauses were shown.

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2) LEAD CONTENT TEST

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA)(H.R. 4040) and Title 16 Part 1303 Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A, Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

1. Lead content in surface coating(s) and similar materials

<u>Element</u>	<u>Result (ppm)</u>	<u>Required Limit^{#1}</u> (ppm)
	(1)	
Total Lead	<5	600

2. Lead content in other materials

<u>Element</u>	<u>Result (ppm)</u>						<u>Required Limit^{#2}</u> (ppm)
	(2)	(3)	(4)	(5)	(6)	(7)	
Total Lead	<5	<5	<5	<5	<5	<5	600

Tested Components:

- (1) Black coating(label)
- (2) Baby pink fabric
- (3) White elastic belt with black printing
- (4) Lt. pink thread
- (5) White thread
- (6) White fabric(label)
- (7) White ribbon

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- ^{#1} = The total Lead limit for surface coatings and similar materials will be **90ppm** (Effective Date : August 14, 2009)
- ^{#2} = The total Lead limit for other materials will be **300ppm** (Effective Date : August 14, 2009)

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Photo of the sample



*** End of report ***

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