

Test Report

Report No.: SHT09011000090

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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 Description : Super Bear
Item/Lot No. : 20048
Exported to : U.S.A
Labelled Age Grading : Over three
Age Group Applied in Testing : Over 3 years
Sample Received Date : Jan.13, 2009
1st Resubmitted Sample Date : Jan.17, 2009
2nd Resubmitted Sample Date : Feb.05, 2009
Sample Tested Date : Jan.13, 2009 to Feb.11, 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: Maggie , Approved by: Jacky Chan , Approved date: 2009-02-11
General Manager



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1) 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)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Super Bear	0.03	0.1

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Flammability Test on Textile Materials

Sample	Condition	Burning Time (second)					Classification
		1	2	3	4	5	
Red silk 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).

Element	Result(mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Total Lead	< 5	< 5	< 5	600

Tested Components:

- (1) Coffee coating (3) Red coating
(2) Black coating(label)

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
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.
- As received, the test portion of red coating, black coating(label) and coffee coating are 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) US CONSUMER PRODUCTS SAFETY IMPROVEMENT ACT 2008 (CPSIA)(H.R. 4040)

▼ 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)	(2)	(3)	
Total Lead	<5	<5	<5	600

2. Lead content in other materials

<u>Element</u>	<u>Result (ppm)</u>										<u>Required Limit^{#2}</u> (ppm)
	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Total Lead	<5	<5	<5	73	<5	<5	<5	<5	<5	<5	600

Tested Components:

- | | |
|--------------------------|------------------------------|
| (1) Red coating | (8) Dk. blue Velcro |
| (2) Coffee coating | (9) Yellow fabric |
| (3) Black coating(label) | (10) Red thread(cloth) |
| (4) Red fabric | (11) White fabric(label) |
| (5) Red plush | (12) Blue thread |
| (6) Blue plush | (13) Bright red thread(cape) |
| (7) Black leather(sole) | |

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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