



Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

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: HKGH01059062

Applicant: NEAT-OH! INTERNATIONAL, LLC  
790 FRONTAGE ROAD SUITE 303  
NORTHFIELD  
IL 60093  
USA

Date: Sep 09, 2010

Attn: PURPLE WU/ ELLEN LAU

Sample Description:

Twelve (12) sets of submitted sample said to be :

- Item Name : - **A1413XX LEGO DUPLO ZipBin® L44**
- **A1082X1 ZipBin® Road & Rail**
- **A1083XX ZipBin® Mansion**
- **A1375 Gonge Fish ZipBin® Toy Box**
- **A1438XX Disney Princess ZipBin Toy Box**
- **A1439XX Disney Pixar Cars ZipBin® Toy Tote**
- **A1440XX CTS - Toy Story ZipBin® Toy Tote**
- **A1431XX LEGO City ZipBin® M20**

Labelled Age Group : 2+ (For item A1413XX LEGO DUPLO ZipBin® L44 )  
3+ (For items A1082X1 ZipBin® Road & Rail, A1083XX ZipBin® Mansion,  
A1431XX LEGO City ZipBin® M20, A1438XX Disney Princess  
ZipBin Toy Box, A1439XX Disney Pixar Cars ZipBin® Toy Tote  
and A1440XX CTS - Toy Story ZipBin® Toy Tote)

Not specified (For item A1375 Gonge Fish ZipBin® Toy Box)

Packaging Provided : Yes  
Vendor : Takepoint  
Country of Origin : China

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To be continued

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

Karen S.C. Ng  
General Manager



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Tests conducted:

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

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To be continued

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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples on items A1082X1, A1083XX, A1375, A1438XX, A1439XX, A1440XX and A1413XX	U.S. ASTM F963-08 Physical and mechanical tests	Pass
Submitted sample sets	U.S. ASTM F963-08 for flammability test of materials other than textile materials	Pass
Tested component of submitted sample sets	U.S. ASTM F963-08 for toxic elements test	Pass
	U.S. Code of Federal Regulations Title 16 CFR 1303 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 requirement on phthalate	Pass

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

Karen S.C. Ng  
General Manager



**Test Report**

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Tests Conducted

1 Physical And Mechanical Tests on item A1413XX LEGO DUPLO ZipBin

As per the ASTM Standard Consumer Safety Specification for Toy Safety F963-08.

Applicant's specified age group for testing : For ages over 2 years.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleaningless)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	P
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	P
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices, such as helmets, hats and goggles	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	P
4.28	Stroller and carriage toys	NA





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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer/distributor (toy & package) - address (toy & package)	Yes Yes

Remark : P = Pass

NA = Not applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 07, 2010

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**Test Report**

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Tests Conducted

2 Physical And Mechanical Tests on items A1082X1, A1083XX, A1375, A1438XX, A1439XX, A1440XX and A1431XX.

As per the ASTM Standard Consumer Safety Specification for Toy Safety F963-08.

Applicant's specified age group for testing : For ages over 3 years.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleaningless)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	P
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	P
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices, such as helmets, hats and goggles	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	P





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Tests Conducted

Section	Testing items	Assessment
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer/distributor (package) - address (package)	Yes Yes

Remark : P = Pass NA = Not applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Sep 02, 2010  
 Testing period : Sep 02, 2010 to Sep 07, 2010

3 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-08.

Sample	Ignition point	Burn length (inch)	Time (sec)	Actual Burn rate (inch/sec)	Round up burn rate (inch/sec)	Limit (inch/sec)
Cover	Corner	6.5	60	0.11	0.10 <sup>#</sup>	0.10

All styles of the submitted toy samples and its accessories were tested, the above result only showed the most severe burn rate of the samples.

# = According to the ASTM F963 flammability requirement, the burn rate shall be round up to the nearest tenth.

Date sample received : Sep 02, 2010  
 Testing period : Sep 02, 2010 to Sep 07, 2010

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4 Toxic Elements Analysis (Total Lead Content)

As per Section 4.3.5.1 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-08, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Result : Less than 10ppm

Limit : 90ppm

ppm = parts per million

Tested Component : Coatings (black, white) on woven (sewn in label).

Remark :

Since the sample weight of coatings of the tested component was less than 10 mg, soluble heavy metals content analysis were not applicable.

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 08, 2010

5 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (April 26, 2009), test method CPSC-CH-E1003-09 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Result : Less than 10ppm

Limit : 90ppm

ppm = parts per million

Tested Component : Coatings (black, white) on woven (sewn in label).

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 08, 2010

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6 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.1 and/or CPSC-CH-E1001-08.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit in ppm</u>
(1)	<20	300
(2/3)	<20	300
(4/6/8)	<20	300
(5)	<20	300
(7)	<20	300
(9/11/14)	<20	300
(10)	<20	300
(12)	<20	300
(13)	<20	300
(15/17)	<20	300
(16)	<20	300
(18)	23	300
(19)	22	300

As of August 14, 2011, the limit for total Lead content will be lowered to 100 ppm unless the CPSC determines that a limit of 100 ppm is not technologically feasible for a product or product category.

ppm = parts per million  
 < = Less than

Tested Components :

- (1) Red velcro (body of ZipBin #A1413XX).
- (2) Shiny red plastic (zipper teeth of ZipBin #A1413XX).
- (3) Translucent plastic sheet (body of all ZipBin).
- (4) Translucent plastic sheet (pocket of ZipBin #A1082X1, #A1083XX).
- (5) Green velcro (body of ZipBin #A1082X1).
- (6) Shiny green plastic (zipper teeth of ZipBin #A1082X1).
- (7) Light pink velcro (body of ZipBin #A1083XX).
- (8) Shiny light pink plastic (zipper teeth of ZipBin #A1083XX).
- (9) Shiny blue plastic (zipper teeth of ZipBin #A1375).
- (10) Blue velcro (body of ZipBin #A1375).
- (11) Shiny light blue plastic (zipper teeth of ZipBin #A1438XX).
- (12) Shiny light blue velcro (body of ZipBin #A1438XX).
- (13) Black velcro (body of ZipBin #A1439XX).
- (14) Shiny black plastic (zipper teeth of ZipBin #A1439XX).
- (15) Shiny navy plastic (zipper teeth of ZipBin #A1440XX).
- (16) Navy velcro (body of ZipBin #A1431XX).
- (17) Shiny blue plastic (zipper teeth of ZipBin #A1431XX).
- (18) Silver colour metal (zipper slider).
- (19) Silver colour metal (zipper puller).

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 08, 2010

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7 CPSIA Normal and Reasonably Foreseeable Use and Abuse

With reference to U.S. Code of Federal Regulations Title 16 Part 1500.48, 1500.49, 1500.51, 1500.52 and 1500.53.

Applicant's specified age group for testing :

Ages over 2 years (A1413XX)

Ages over 3 years (A1082X1, A1083XX, A1375, A1438XX, A1439XX, A1440XX, A1431XX)

Result : After testing, no internal component was exposed and accessible on the submitted samples.

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 04, 2010

8 Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(1)</u>	<u>(2/3/4)</u>	<u>(5/6/7)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(1)</u>	<u>(2/3/4)</u>	<u>(5/6/7)</u>	<u>(max.)</u>
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(8/9/10)</u>	<u>(11/12/13)</u>	<u>(14/15/16)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(8/9/10)</u>	<u>(11/12/13)</u>	<u>(14/15/16)</u>	<u>(max.)</u>
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

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	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(17/18)</u>	<u>(19)</u>	<u>(20)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(17/18)</u>			
Diisononyl phthalate (DINP)	<0.01			0.1
Di-n-octyl phthalate (DnOP)	<0.01			0.1
Diisodecyl phthalate (DIDP)	<0.01			0.1

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

Detection Limit = 0.01% (w/w)  
< = Less than

Tested Components :

- (1) Coatings (black, white) on woven (sewn in label).
- (2) Red velcro (body of ZipBin #A1413XX).
- (3) Shiny red plastic (zipper teeth of ZipBin #A1413XX).
- (4) Translucent plastic sheet (body of all ZipBin).
- (5) Translucent plastic sheet (pocket of ZipBin #A1082X1, #A1083XX).
- (6) Green velcro (body of ZipBin #A1082X1).
- (7) Shiny green plastic (zipper teeth of ZipBin #A1082X1).
- (8) Light pink velcro (body of ZipBin #A1083XX).
- (9) Shiny light pink plastic (zipper teeth of ZipBin #A1083XX).
- (10) Shiny blue plastic (zipper teeth of ZipBin #A1375).
- (11) Blue velcro (body of ZipBin #A1375).
- (12) Shiny light blue plastic (zipper teeth of ZipBin #A1438XX).
- (13) Shiny light blue velcro (body of ZipBin #A1438XX).
- (14) Black velcro (body of ZipBin #A1439XX).
- (15) Shiny black plastic (zipper teeth of ZipBin #A1439XX).
- (16) Shiny navy plastic (zipper teeth of ZipBin #A1440XX).
- (17) Navy velcro (body of ZipBin #A1431XX).
- (18) Shiny blue plastic (zipper teeth of ZipBin #A1431XX).
- (19) White with base coatings on plastic sheet (pattern of all ZipBin) (internal).
- (20) 18mm beige paper adhesive tape (body of ZipBin) (internal).

Date sample received : Sep 02, 2010

Testing period : Sep 02, 2010 to Sep 08, 2010

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End of report

