

Test Report

Report No.: CTT1912033080EN

Date: Dec. 23, 2019

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Applicant: HEADWIND CERAMIC LTD.

Address: 7F GOLD UNION COMM BLDG.,70-72 CONNAUGHT ROAD WEST,HONG KONG

Sample Received Date: Dec. 18, 2019

Completed Date: Dec. 23, 2019

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Domino Game Natural

Sample Model: COUT023-NT

Supplier: Headwind Ceramic Ltd.

Sample Size: 3 sets

Labelled Age Group: Ages 3 and up

Appropriate Age Grading: Ages 3 and up

Packaging Provided: Yes

Tested Age Grading: Ages 3 and up

Applicant's Specified Testing Age Group: Ages 3 and up

Test Result(s): Please refer to next page(s).

Signed for and on Behalf of CTT



Frank / Lab manager

Consumer Testing Technology Co., Ltd.



Signed for and on Behalf of CTT



Shelly / Lab supervisor

Consumer Testing Technology Co., Ltd.

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Test Requested and Conclusion(s):

| No. | Test Sample | Standard and Requirement | Conclusion(s) |
|-----|---------------------------------------|---|---|
| 1 | Tested materials of submitted samples | US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in accessible substrate materials | PASS (Please refer to "N" note of the next page) |
| 2 | Tested materials of submitted samples | US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in paint or surface coating | PASS |
| 3 | Tested materials of submitted samples | California Proposition 65, Alameda Superior Court, Case No. BG07350969 - Total Lead (Pb) | PASS (Please refer to "N" note of the next page) |
| 4 | Tested materials of submitted samples | Canada Consumer Products Containing Lead Regulations, SOR/2018-83 - Lead | PASS (Please refer to "N" note of the next page) |
| 5 | Tested materials of submitted samples | ASTM F963-17 Section 4.3.5.2 - Total Lead content in substrate material | PASS (Please refer to "N" note of the next page) |
| 6 | Tested materials of submitted samples | ASTM F963-17 Section 4.3.5.1 - Total Lead content in paint and surface coating | PASS |
| 7 | Tested materials of submitted samples | CPSC 16CFR 1303 - Total Lead (Pb) | PASS |
| 8 | Tested materials of submitted samples | US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - 16 CFR 1307 - Phthalates | PASS |
| 9 | Tested materials of submitted samples | California AB1108 and California Proposition 65, Sacramento Superior Court, Case No. BG07350969 - Phthalates | PASS |
| 10 | Tested materials of submitted samples | Toxics in Packaging Clearinghouse (TPCH) – Pb/ Cd/ Hg/ Cr ⁶⁺ Content | PASS |
| 11 | Tested materials of submitted samples | ASTM F963-17 Section 4.3.5.2 - Soluble Heavy Metals content in substrate | PASS |

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| | | | |
|----|---------------------------------------|--|-------|
| | | material | |
| 12 | Tested materials of submitted samples | ASTM F963-17 Section 4.3.5.1 - Soluble Heavy Metals content in paint and surface coating | PASS |
| 13 | Tested materials of submitted samples | Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 - Heavy Metals requirements for surface coatings material | PASS |
| 14 | Submitted samples | ASTM F963-17 - Physical and Mechanical Properties | PASS |
| 15 | Submitted samples | ASTM F963-17 - Flammability | PASS |
| 16 | Submitted samples | Canada Consumer Product Safety Act, Toys Regulations SOR/2011-17 - Mechanical and Physical Properties and Flammability | PASS |
| 17 | Submitted samples | U.S. Federal Hazardous Substances Act (FHSA) CPSC 16 CFR 1500.3(c)(6)(vi) | PASS* |

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Test Result(s):

The Lead content of accessible substrate materials – CPSIA

Method:

Metal – CPSC-CH-E1001-08.3

Nonmetal – CPSC-CH-E1002-08.3

Analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|----------------|---------------|----------------|------------|
| 2 | 100 | N.D. | PASS |
| 3 | 100 | N.D. | PASS |
| 5 | 100 | N.D. | PASS |
| 7 ^N | 100 | 24 | PASS |

The Lead content of paint or surface coating - CPSIA

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 1 | 90 | N.D. | PASS |
| 4 | 90 | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. "N" = The test result is obtained from composite testing on materials linked with "N" mark, it is possible that individual test result can be higher if the materials are tested separately. This had not been taken in account in the conclusion of this report.

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Test Result(s):

CP65, Alameda Superior Court, Case No. BG07350969 - Total Lead (Pb) in toys and child care articles

| Material No. | Material Type | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|----------------|---------------|---------------|----------------|------------|
| 1 | b | 600 | N.D. | PASS |
| 2 | b | 600 | N.D. | PASS |
| 3 | b | 600 | N.D. | PASS |
| 4 | b | 600 | N.D. | PASS |
| 5 | b | 600 | N.D. | PASS |
| 7 ^N | b | 600 | 24 | PASS |

Material Type:

- a. PVC component material.
- b. Non-PVC component material.

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. Toys are defined as products designed to be used by children under 6 years of age when they play.
 5. Child care articles are defined as products designed to facilitate sleep, relaxation, grooming, hygiene, or feeding of children under 3 years of age, or to help children under 3 years of age with sucking or teething.
 6. "N" = The test result is obtained from composite testing on materials linked with "N" mark, it is possible that individual test result can be higher if the materials are tested separately. This had not been taken in account in the conclusion of this report.
 7. The result(s) is(are) tested according to the method Metal – CPSC-CH-E1001-08.3, Nonmetal – CPSC-CH-E1002-08.3, Surface coating – CPSC-CH-E1003-09.1.

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Test Result(s):

Lead - SOR/2018-83

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|----------------|---------------|----------------|------------|
| 1 | 90 | N.D. | PASS |
| 2 | 90 | N.D. | PASS |
| 3 | 90 | N.D. | PASS |
| 4 | 90 | N.D. | PASS |
| 5 | 90 | N.D. | PASS |
| 7 ^N | 90 | 24 | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. “N” = The test result is obtained from composite testing on materials linked with “N” mark, it is possible that individual test result can be higher if the materials are tested separately. This had not been taken in account in the conclusion of this report.
 5. The result(s) is(are) tested according to the method Metal – CPSC-CH-E1001-08.3, Nonmetal – CPSC-CH-E1002-08.3, Surface coating – CPSC-CH-E1003-09.1.

Total Lead content in substrate material - ASTM F963-17 Section 4.3.5.2

| Material No. | RL (mg/kg) | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|----------------|------------|---------------|----------------|------------|
| 2 | 10 | 100 | N.D. | PASS |
| 3 | 10 | 100 | N.D. | PASS |
| 5 | 10 | 100 | N.D. | PASS |
| 7 ^N | 10 | 100 | 24 | PASS |

Total Lead content in paint and surface coating - ASTM F963-17 Section 4.3.5.1

| Material No. | RL (mg/kg) | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|------------|---------------|----------------|------------|
| 1 | 10 | 90 | N.D. | PASS |
| 4 | 10 | 90 | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. “N” = The test result is obtained from composite testing on materials linked with “N” mark, it is possible that individual test result can be higher if the materials are tested separately. This had

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not been taken in account in the conclusion of this report.

- The result(s) is(are) tested according to the method Metal – CPSC-CH-E1001-08.3, Nonmetal – CPSC-CH-E1002-08.3, Surface coating – CPSC-CH-E1003-09.1.

CPSC 16CFR 1303 - Total Lead (Pb)

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 1 | 90 | N.D. | PASS |
| 4 | 90 | N.D. | PASS |

- Note:**
- mg/kg = milligram per kilogram (ppm).
 - N.D. = Not Detected (< RL).
 - RL (Reporting Limit) = 10 mg/kg.
 - The result(s) is(are) tested according to the method Metal – CPSC-CH-E1001-08.3, Nonmetal – CPSC-CH-E1002-08.3, Surface coating – CPSC-CH-E1003-09.1.

Phthalates – CPSIA (16 CFR 1307)

Method: CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

| Test Substances | CAS No. | Limit (mg/kg) | RL (mg/kg) | Result (mg/kg) | | |
|-------------------|---------------------------|---------------|------------|----------------|------|------|
| | | | | 1 | 2 | 4 |
| DBP | 84-74-2 | 1000 | 50 | N.D. | N.D. | N.D. |
| BBP | 85-68-7 | 1000 | 50 | N.D. | N.D. | N.D. |
| DEHP | 117-81-7 | 1000 | 50 | N.D. | N.D. | N.D. |
| DINP | 28553-12-0/ 68515-48-0 | 1000 | 100 | N.D. | N.D. | N.D. |
| DIBP | 84-69-5 | 1000 | 50 | N.D. | N.D. | N.D. |
| DCHP | 84-61-7 | 1000 | 50 | N.D. | N.D. | N.D. |
| DPENP | 131-18-0 | 1000 | 50 | N.D. | N.D. | N.D. |
| DHEXP | 84-75-3 | 1000 | 50 | N.D. | N.D. | N.D. |
| Conclusion | | | | PASS | PASS | PASS |

- Note:**
- mg/kg = milligram per kilogram (ppm).
 - N.D. = Not Detected (< RL).
 - RL = Reporting Limit.
 - Children's toys and child care articles shall not more than 1000mg/kg DBP, BBP, DEHP, DINP, DIBP, DCHP,DPENP and DHEXP
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help

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- children with sucking and teething.
5. Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing. If material identification is not provided, phthalate testing will be conducted on all plastic materials.

California AB1108 & CP65 - Phthalates in Children's products

Method: CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

| Substances | DBP | BBP | DEHP | DINP | DNOP | DIDP | DnHP | Conclusion |
|---------------|----------------|---------|----------|------------|----------|------------|---------|------------|
| CAS No. | 84-74-2 | 85-68-7 | 117-81-7 | 28553-12-0 | 117-84-0 | 26761-40-0 | 84-75-3 | |
| Limit (mg/kg) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| RL (mg/kg) | 50 | 50 | 50 | 100 | 50 | 100 | 50 | |
| Material No. | Result (mg/kg) | | | | | | | |
| 1 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |
| 2 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |
| 4 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |

- Note:**
1. mg/kg = milligram per liter.
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Toys are defined as products designed to be used by children under 6 years of age when they play.
 5. Child care articles are defined as products designed to facilitate sleep, relaxation, grooming, hygiene, or feeding of children under 3 years of age, or to help children under 3 years of age with sucking or teething.

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Test Result(s):

TPCH

Method:

Lead (Pb)/Cadmium(Cd)/(Chromium(Cr)) - With reference to IEC 62321-5: 2013

Mercury(Hg) - With reference to IEC 62321-4: 2013/AMD1: 2017

Hexavalent Chromium(Cr⁶⁺) - With reference to IEC 62321-7-2: 2017

Analyzed by Atomic Absorption Spectroscopy (AAS), Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) and Ultraviolet-visible Spectroscopy (UV-Vis).

| Test Item(s) | Pb | Cd | Hg | Cr ⁶⁺ | SUM | Conclusion |
|---------------|----------------|------|------|------------------|------|------------|
| Limit (mg/kg) | -- | -- | -- | -- | 100 | |
| Material No. | Result (mg/kg) | | | | | Conclusion |
| 8 | 5 | N.D. | N.D. | N.D. | 5 | |
| 9 | N.D. | N.D. | N.D. | N.D. | N.D. | |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 2 mg/kg (Pb/ Cd/ Hg/Cr⁶⁺).
 4. "--" = Not Regulated.
 5. The hexavalent chromium(Cr(VI)) content were reported as the total chromium(Cr) content, whenever the result of total Cr exceed 2mg/kg and the Cr(VI) confirm action test was performed.

Soluble Heavy Metals content in substrate material - ASTM F963-17 Section 4.3.5.2

Method: ASTM F963-17 Section 8.3.2, 8.3.3 and 8.3.5, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

| Elements | As | Ba | Cd | Cr | Hg | Pb | Sb | Se | Conclusion |
|---------------|----------------|------|------|------|------|------|------|------|------------|
| Limit (mg/kg) | 25 | 1000 | 75 | 60 | 60 | 90 | 60 | 500 | |
| RL (mg/kg) | 2.5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Material No. | Result (mg/kg) | | | | | | | | Conclusion |
| 2 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | |
| 3 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | |
| 5 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | |
| 6 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | |

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Test Result(s):

Soluble Heavy Metals content in paint and surface coating - ASTM F963-17 Section 4.3.5.1

Method: ASTM F963-17 Section 8.3.2 to Section 8.3.4, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

| Elements | As | Ba | Cd | Cr | Hg | Pb | Sb | Se | Conclusion |
|---------------|----------------|------|------|------|------|------|------|------|------------|
| Limit (mg/kg) | 25 | 1000 | 75 | 60 | 60 | 90 | 60 | 500 | |
| RL (mg/kg) | 2.5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Material No. | Result (mg/kg) | | | | | | | | |
| 1 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |
| 4 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.

Heavy Metals - SOR/2011-17

Method: With reference to Canada Health Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B: Test Method Section, Method C-02.2:2017 & C03:2018 & C07:2018, analyzed by and Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-OES).

| Elements | As(S) | Ba(S) | Cd(S) | Hg(T) | Pb(T) | Sb(S) | Se(S) | Conclusion |
|---------------|----------------|-------|-------|-------|-------|-------|-------|------------|
| Limit (mg/kg) | 1000 | 1000 | 1000 | 10 | 90 | 1000 | 1000 | |
| RL (mg/kg) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| Material No. | Result (mg/kg) | | | | | | | |
| 1 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |
| 4 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | PASS |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. S = Soluble Heavy Metal.
 5. T = Total Heavy Metal.

Remark:

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Mechanical and Physical Properties - ASTM F963-17

| Section | Testing Items | Assessment |
|--------------------|---|------------|
| | | |
| | | 10 |
| 4 | Safety requirements | PASS |
| 4.1 | Material quality | PASS |
| 4.3.7 | Stuffing materials | NA |
| 4.4 ⁿ | Electrical/thermal energy | NA |
| 4.5 ⁿ | Sound producing toys | NA |
| 4.6 | Small objects | NA |
| 4.6.1 | Toys intended for children under 36 months of age | NA |
| 4.6.2 ⁿ | Mouth actuated toys | NA |
| 4.7 | Accessible edges | PASS |
| 4.8 | Projections | NA |
| 4.9 | Accessible points | PASS |
| 4.10 | Wires or rods | NA |
| 4.11 | Nails and fasteners | PASS |
| 4.12 | Plastic film | NA |
| 4.13 | Folding mechanisms and hinges | NA |
| 4.14 | Cords and elastics in toys | NA |
| 4.15 ⁿ | Stability and over-load requirements | NA |
| 4.16 | Confined spaces | NA |
| 4.17 | Wheels, tires, and axles | NA |
| 4.18 | Holes, clearance, and accessibility of mechanisms | NA |
| 4.19 | Simulated protective devices | NA |
| 4.20 | Pacifiers | NA |
| 4.21 ⁿ | Projectile toys | NA |
| 4.22 | Teethers and teething toys | NA |
| 4.23 | Rattles | NA |
| 4.24 | Squeeze toys | NA |
| 4.25 ⁿ | Battery-operated toys | NA |
| 4.26 | Toys intended to be attached to a crib or playpen | NA |
| 4.27 | Stuffed and beanbag-type toys | NA |
| 4.28 | Stroller and carriage toys | NA |

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| | | |
|-------------------|---|------|
| 4.29 | Art materials | NA |
| 4.30 | Toy gun marking | NA |
| 4.32 | Certain toys with nearly spherical ends | NA |
| 4.34 | Balls | NA |
| 4.34.1 | Toy intended for children under 36 months of age | NA |
| 4.35 | Pompoms | NA |
| 4.36 | Hemispheric-shaped objects | NA |
| 4.37 ⁿ | Yo Yo Elastic Tether Toys | NA |
| 4.38 | Magnets | NA |
| 4.39 | Jaw Entrapment in Handles and Steering Wheels | NA |
| 4.40 | Expanding materials | NA |
| 4.41 | Toy chests | NA |
| 5 | Labeling Requirement | PASS |
| 5.4 | Aquatic toys | NA |
| 5.5 | Crib and playpen toys | NA |
| 5.6 | Mobiles | NA |
| 5.7 | Stroller and carriage toys | NA |
| 5.8 | Toys intended to be assembled by an adult | NA |
| 5.9 | Simulated protective devices | NA |
| 5.10 | Toys with functional sharp edges or points | NA |
| 5.11 | Small objects, small balls, marbles, and balloons | NA |
| 5.12 | Toy caps | NA |
| 5.13 | Art materials | NA |
| 5.14 | Electric toys | NA |
| 5.15 | Battery operated toys | NA |
| 5.16 | Promotional materials | PASS |
| 5.17 | Magnets | NA |
| 6 | Instructional Literature | PASS |
| 6.1 | Definition and description | PASS |
| 6.2 | Crib and playpen toys | NA |
| 6.3 | Mobiles | NA |
| 6.4 | Toys intended to be assembled by an adult | NA |
| 6.5 | Battery operated toys | NA |

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| | | |
|-----|--|-----|
| 6.6 | Battery powered ride-on toys | NA |
| 6.7 | Toys in contact with food | NA |
| 6.8 | Toy chests | NA |
| 7 | Producer's Marking | |
| 7.1 | Name of the producer or the distributor | YES |
| | Address of the producer or the distributor | YES |
| 7.2 | Battery powered ride on toys | NA |
| 7.3 | Toy chests | NA |

- Note:**
1. NA = Not Applicable
 2. The name and address of the producer or the distributor shall be marked on the toy or the package.

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:

| Testing Items | FHSA | Parameter |
|------------------|--------------------|---------------|
| Drop Test | Section 1500.53(b) | 4x3.0 ft |
| Torque Test | Section 1500.53(e) | 4.0 inch ·lbf |
| Tension Test | Section 1500.53(f) | 15 lbf |
| Compression Test | Section 1500.53(g) | 30 lbf |

Flammability - ASTM F963-17 Annex A5

| Sample Description | Ignition Location | Burn Length (inch) | Burn Time (sec.) | Burn Rate (inch/sec.) | Limit (inch/sec.) | Conclusion |
|--------------------|-------------------|--------------------|------------------|-----------------------|-------------------|------------|
| Box | Edge | -- | -- | DNI | 0.15 | PASS |
| Domino | Edge | -- | -- | DNI | 0.15 | PASS |

- Note:**
1. DNI = Did not ignite.
 2. All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.

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Mechanical and Physical Properties and Flammability - SOR/2011-17

| Section | Testing Items | Assessment |
|-----------------|---|------------|
| | | 10 |
| 3 | General–Official languages | NA |
| 4 | Packaging–Flexible film bags | NA |
| 7 | Small parts | NA |
| 8 | Metal edges | PASS |
| 9 | Wire frames | PASS |
| 10 | Plastic edges | PASS |
| 11 | Wood | NA |
| 12 | Glass | NA |
| 13 | Fasteners | PASS |
| 14 | Safety stops or locking devices–Folding mechanisms | NA |
| 15 | Spring-wound driving mechanism | NA |
| 16 | Projectile component | NA |
| 17 | Enclosures | NA |
| 18 ⁿ | Stability | NA |
| 19 ⁿ | Auditory hazards–Decibel limit | NA |
| 21 | Flammability hazards–Celluloid or cellulose nitrate | PASS |
| 28 | Dolls, Plush toys or Soft toys–Fastening | NA |
| 29 | Dolls, Plush toys or Soft toys–Stuffing materials | NA |
| 30 | Dolls, Plush toys or Soft toys–Small parts | NA |
| 31 | Dolls, Plush toys or Soft toys–Eyes or nose | NA |
| 32 | Dolls, Plush toys or Soft toys–Flammability of outer covering | NA |
| 33 | Dolls, Plush toys or Soft toys–Flammability of yarn | NA |
| 34 | Dolls, Plush toys or Soft toys–Flammability of hair or mane | NA |
| 35 | Plant seeds–Noise | NA |
| 36 | Plant seeds–Stuffing Material | NA |
| 37 | Pull and push toys–Shaft-like handles | NA |
| 38 ⁿ | Toy steam engines | NA |
| 39 ⁿ | Finger paints | NA |
| 40 | Rattles | NA |
| 41 | Elastics | NA |

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| | | |
|-----------------|------------------|----|
| 42 | Yo-Yo type balls | NA |
| 43 ⁿ | Magnets | NA |

Note: 1. NA = Not Applicable.

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act, Toys Regulations SOR/2011-17:

| Testing Items | Parameter |
|---------------|-----------|
| Drop test | 4x0.914m |
| Pull test | 44.5N |
| Push test | 44.5N |

Test Result(s):

Flammability Test - CPSC 16 CFR 1500.44

| Material No. | Sample Description | Flammable Solid |
|--------------|--------------------|-----------------|
| 10-1 | Box | NO * |
| 10-2 | Domino | NO * |

| Material No. | Ignition Point | Major Axis (Inch) | Burn Length (Inch) | Time (sec.) | Limit (Inch/sec.) | Burning Rate (Inch/sec.) |
|--------------|----------------|-------------------|--------------------|-------------|-------------------|--------------------------|
| 10-1 | Edge | 9.1 | -- | -- | 0.10 | DNI |
| 10-2 | Edge | 2.1 | -- | -- | 0.10 | DNI |

- Note:**
1. DNI = Did not ignite.
 3. "*" = CPSC 16 CFR 1500.3(c)(6)(vi) Flammable solid means a solid substance that, when tested by the method described in 16 CFR 1500.44, ignites and burns with a self-sustained flame at a rate greater than one-tenth of an inch per second along its major axis.
 4. 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.

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Test Material List

| Material No. | Description | Location |
|--------------|--|----------------------------|
| 1 | Black paint | Paint |
| 2 | Beige plastic | Toy |
| 3 | Dark brown wood | Substrate of box |
| 4 | Transparent varnish | Varnish |
| 5 | Green synthetic fiber | Bottom of box |
| 6 | Golden plating metal | Convex buckle |
| 7 | Golden plating metal+ golden plating metal | Buckle (have hole) + screw |
| 8 | Brown/white paper | Carton |
| 9 | White paper with black printing | Specification |
| 10 | Toy suit | Toy suit |

Photo of Sample:



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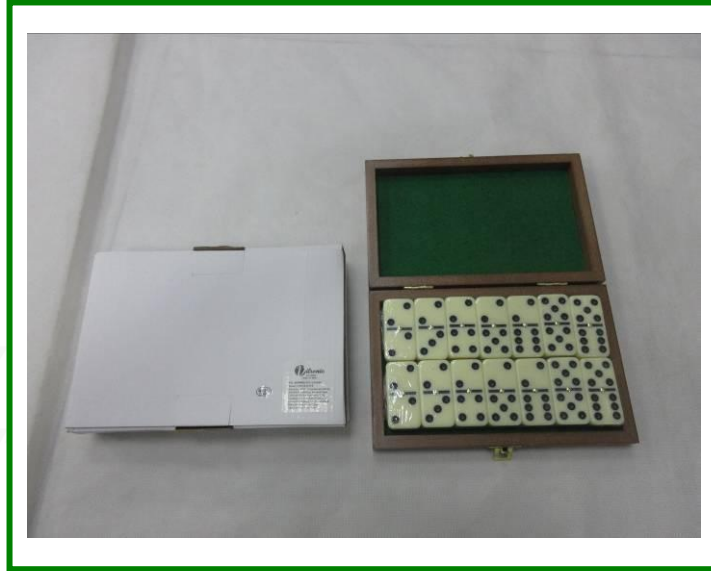
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Photo of Sample:



End of Report

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