

TEST SPECIFICATION

Product:	Vase		
Scope:	Vase.	Protocol No.	TYCP-01022-US
		Version	1.0
		Issue Date	23 Sep, 2011
		Prepared by	Intertek HK - TFH
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Instructions to Vendors:

Dear Valued Vendor:

Product safety is a top priority at Taymark. We, with the assistance of Intertek, a CPSC-accredited third-party testing partner or lab, have identified the various rules and regulations as well as the necessary test requirements that we need to meet in our partnership to sell products in the United States. This has been assembled into our required Test Protocol. Each product that is supplied to us must comply with this Test Protocol and any required associated test protocol(s) identified within it.

You are required by the US Law to verify the products you provide to Taymark (or any other customer marketing to children in the USA) meet the required safety standards. Likewise, Taymark is required by US Law to assure that we have documentation to confirm that you have verified that your products meet the applicable safety standards. Once you have verified that the product(s) you have supplied to us conforms to the corresponding Test Protocol(s), and the testing was conducted within the past twelve (12) months, we ask that the appropriate representative from your company provide Taymark with the proper General Certificate of Conformity ("GCC") and the corresponding documentation that you used to support the GCC, including, where applicable and required, the CPSC-accredited third-party test data. For an example of an acceptable GCC, please go to <http://www.cpsc.gov/about/cpsia/faq/elecfaq.pdf>.

Key

†: Any element on the attached form with the following symbol ("†") is a Mandatory Requirement to which the product(s) or components of product(s) you supply to Taymark must conform. You must perform the associated test(s) and provide Taymark with the test data to support the fact that the test(s) was (were) conducted and that the product(s) or components of product(s) meets the described requirements. You are responsible for conducting the mandatory testing, and you are responsible for any expenses incurred as a result of conducting the test(s) (including, without limitation, the costs and expenses associated with providing any samples, testing, reporting, and preparing the General Certificate of Conformity).

: The symbol ("") on the attached form indicates that additional charges may apply. Taymark's preferred Accredited Third-Party Testing Facility is Intertek. If you choose to use Intertek to conduct the mandatory testing, please reference Taymark and Taylor Corporation when submitting your requests for testing to Intertek as you may be able to take advantage of Taymark and Taylor Corporation's volume discount. You may contact Intertek for a price quote and any additional information they might need in order to conduct the required testing.

Additional Accredited Third-Party Testing facilities can be found at <http://www.cpsc.gov/cgi-bin/labsearch/>.

Note:

Where there is no applicable US standard, Intertek has chosen the most relevant International Standard to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.

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Attribute	Test Method/Standard	Requirement / Limit
Supplemental Protocol(s)		
*†CA Prop 65 (Mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65. See http://oehha.ca.gov/prop65.html
<i>Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.</i>		
Chemical Analysis		
*Lead Content of Paints or Similar Surface Coating	16 CFR 1303 (Scope widened)	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 0.009% (90ppm) by weight of the total content.
*†Toxic Elements in Packaging Components	TPCH	Shall comply with TPCH in those states with legislation. Total concentration of Pb, Cd, Hg and hexavalent Cr \leq 100 ppm.
Physical Characteristics		
Overall Dimensions (L x W x H)	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Opening Dimensions	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Base Dimensions	ITS-M0059	Report base dimensions; shall meet label claims (if applicable).
Depth of Opening	ITS-M0059	Report overall depth; shall meet label claims (if applicable).
Capacity	ITS-M0059	Report overall capacity; shall meet label claims (if applicable).
Total Weight	ITS-M0059	Report overall weight; shall meet label claims (if applicable).
*Plating Thickness (By request only)	SEM (Micron Analysis)	Report actual; shall meet label claims.
Construction & Workmanship		
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (scope widened)	Shall have no sharp points/edges, other than those required for function.
Defects	Visual Check	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.
Workmanship	Visual Check	Shall have no components missing, malformed, and/or fractured.
Design or Features	Visual Check	Design and features of the product shall not differ from color box pictures, enclosed instructions, or approval sample in a way that is misleading.
Material Type	Visual Check	Report the materials used on body, handles, base etc. Shall meet specified claims.
Type of Finish or Plating	Visual Check	Report finish on each component, both internal and external. Shall meet specified claims.
Warpage	Visual Check	Shall not rock appreciably on a flat surface and not show warpage. Maximum offset: 1/32 in (0.8 mm).

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Air Bubbles	Visual Check	Glass shall have no air bubbles present. Report approximate number of bubbles for each sample by following size: <div> <u>Size</u> 0 - <2mm >2mm - <3mm >3mm - <4mm >5mm </div> <u>Quantity</u>
Performance Test		
Functionality	ITS-M0061	Shall function as intended as received.
Tilt Resistance	ITS-M0015	No tipping or instability at 8° inclination while empty and half filled with water.
Impact Resistance	ITS-M0025 (Modified)	No breakage or separation at minimum 3 oz impact force - attach 3 oz steel ball to plastic dowel with loop of string. Hold dowel 3" away and at 90° angle to vase body. Pull and release ball to impact. (Modification = Impact to vase body instead of handle)
Handle Strength (If Applicable)	ISO 8442-8 Annex D	No separation of handle after application of 10kgf (or 22 lbf) in any orientations.
Resistance To Scratching Other Surfaces	ITS-M0058	No scratching of test surfaces (wood, glass, etc.) upon 3 cycles of 6" back and forth.
Leakage Resistance	ITS-M0061	Shall be no leakage when filled with water up to 12 hours.
Holding Durability	ITS-M0059	Total weight loaded (2 times normal) – No failure.
Effects of Extreme Temperature & Humidity	ITS-M0007	16 hours at 0°F & 8 hours at 120°F / 95%RH. No failure or visual change.
*Dishwasher Safe (Only if clearly claimed as Dishwasher Safe)	ITS-M0001	No adverse effects (cracking, wrapping, color change) after 5 cycles.
*Effects of Handwashing (If not claimed as Dishwasher Safe)	ITS-M0003	Shall exhibit no exterior surface degradation after being hand washed 5 cycles by using 5 minutes soak and 30 seconds wash per cycle at peak of 110°F, followed by rinse in cold water.
*Thermal Shock Test (For filled glass container only)	ASTM C149 (Modified)	No cracking of container shall be recorded after being tested by a temperature differential of 90°F. Test 3 pieces of sample. Modification: Test 3 pieces.
*Resistance to Corrosion (For accessible metal components)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. (Modification = 1% salt spray (fog))
*Annealing Performance (For transparent glass)	ASTM F2179 Section 4.1.1 & ASTM C148 (Modified)	Shall have a maximum real temper number of 4.
*Annealing Performance (For non-transparent glass)	ASTM F2179 Section 4.1.2 (Modified)	No cracking or fractures.
*Transit Testing (By Request Only)	ISTA Procedure as Appropriate to Package	Packaged product shall be tested to applicable ISTA procedure and method, based on package configuration. Inspect package and product for damage upon completion of test. Report results.

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Attribute	Test Method/Standard	Requirement / Limit
Labeling Requirement		
†One Time Use Products Fair Packaging and Labeling Act OR All Other Products Uniform Packaging and Labeling Regulations	F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	Manufacturer, packer, or distributor's name & address (city, state & zip)
		Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).
†Country of Origin Marking	19 CFR 134.11	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.
Parts Labeling	Visual Check	Shall match the actual content if present.
Use Labeling	ITS-M0060	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.
Instructions	ITS-M0060	Shall provide an easy understandable instructions regarding assembly, use and maintenance
Verify Label claims	ITS-M0060	Must comply with all claims
Non-Food Use Warnings	ITS-M0060	Warning must be present, <u>Stating One Of The Following</u> : Not for food use or may poison food, or not for food use. Food consumed from this vessel may be harmful.

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†Plastic Bag Warning Statement (if applicable)	Massachusetts – 105 CMR 630.000 / New York – 10 NYCRR § 12.12 / Rhode Island – R.I. Gen. Laws § 11-9-16 / California – Cal Bus & Prof Code § 22200	<p>Plastic bags with a thickness of less than one mil (0.001 inch), in which a diameter is 5 inches or greater (when formed into a circle) used as packaging or packaging article for domestic/household use (e.g. laundry bag, garbage bag) shall contain a warning statement similar (at a minimum should describe that there is a suffocation hazard, and how to avoid this hazard) to below on both sides of each bag.</p> <p>Warning: To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy.</p> <p>The warnings shall be printed clearly as to prevent the ink from smearing or upon a gummed label securely attached to the bag. It shall be contrasted by typography, layout or color from the contents of the bag and from other printed matter on the bag, if any.</p> <p>If the total length and width of the bag is more than 40 inches, the warning shall be repeated at 20 inches intervals. Except laundry bag, the font size of the warning must adhere to the chart listed below:</p> <table><tr><th>Total Length and Width of Bag</th><th>Size of Print</th></tr><tr><td>60 inches or more</td><td>at least 24 point</td></tr><tr><td>40 to 59 inches</td><td>at least 18 point</td></tr><tr><td>25 to 39 inches</td><td>at least 14 point</td></tr><tr><td>Less than 25 inches</td><td>at least 10 point</td></tr></table> <p>For laundry bag, the font size of the warning should be at least 36 points.</p>	Total Length and Width of Bag	Size of Print	60 inches or more	at least 24 point	40 to 59 inches	at least 18 point	25 to 39 inches	at least 14 point	Less than 25 inches	at least 10 point
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Remark: Additional tests may be incurred subject to the final samples reviewed by Intertek.