

Test Report

No.: XMHL2408001022FT

Date: Aug 29, 2024

Page 1 of 6

FUZHOU MIX LIVING PRODUCTS CO.,LIMITED
ROOM 2403, XINHUAXING BUILDING, NO.155 HUALIN ROAD,
FUZHOU, CHINA

Sample Description : 3 DRAWER CABINET
Item No. : DJ-ENG-033
Supplier : MILESTONE HOMELIFE
Country of Origin : China
Country of Destination : United States

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Aug 02 , 2024
Sample Resubmission Date : Aug 12 , 2024
Further Information Receiving Date : Aug 29 , 2024
Test Performing Date : Aug 02 , 2024 to Aug 29 , 2024
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Result Summary

Test(s) Requested	Result(s)
ASTM F2057-19	PASS

Summary:

- For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Beck Hong
Authorized Signatory



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TESTS AND RESULTS

Test Conducted:

ASTM F2057-19 Standards Safety Specification for Clothing Storage Units

General Test Condition:

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. Unless otherwise specified, the tests are carried out in the following order on the same sample.

No. of Sample:

1 piece (Sample 1). For more sample information and pictures, please refer to the following page.

Test	Test Description and Requirements	Test Results
4.1 & 4.2	<p>With the unit empty and without the tip over restraint, test the unit in accordance with 7.1 and 7.2.</p> <p>During the test, the unit shall not tip over or be supported by any component unless that component was specifically designed for that purpose.</p> <p><i>7.1 Stability of Unloaded Unit:</i></p> <p>7.1.1 Position the empty unit on a hard, level, flat surface. The unit shall be level during testing unless specifically designed otherwise.</p> <p>7.1.2 Open all doors to 90° and extend all drawers or pullout shelves, or both, to the out stop or, in the absence of such feature, to 2/3 (66 %) of their operational sliding length. Open flaps or drop fronts to their horizontal position or as near horizontal as possible.</p> <p><i>7.2 Stability with Load:</i></p> <p>7.2.1 Position the empty unit in accordance with 7.1.1.</p> <p>7.2.2 Open one drawer to the out stop or, in the absence of such a feature, to 2/3 (66 %) of its operational sliding length. All other drawers and doors not undergoing testing shall be in the closed position unless they must be opened to access other components behind them. Test in accordance with 7.2.4. Close drawer and repeat until all drawers have been tested.</p> <p>7.2.3 Open one door to 90°. All other drawers and doors not undergoing testing shall be in the closed position unless they must be opened to access other components behind them. Test in accordance with 7.2.4. Close door and repeat with another door until all doors have been tested.</p> <p>7.2.4 Gradually apply test weights over the front of each drawer. For odd-shaped drawers, apply test weights to the front edge that protrudes the farthest. For doors, apply test weights to each door so that the outer edge of the test weight is flush with the outermost upper corner of the door.</p>	PASS

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Test	Test Description and Requirements	Test Results
4.4	Tip over restraints shall be included with each item of furniture covered under the scope of this safety specification for attachment by the consumer.	PASS
4.5	<p>The tipover restraint provided shall meet the requirement of Specification F3096.</p> <p>Clause 4 of ASTM F3096-14(2021) Test Method Gradually, over a period of not less than 2 s nor greater than 15 s, apply the static load of 50 lb (23 kg) and maintain for an additional 30 s. The tip over restraint provided with recommended method of attachment shall withstand a pull force of 50 lb.</p> <p>Clause 5 of ASTM F3096-14(2021) Instructional Literature 5.1 Installation instructions shall include at a minimum the following: 5.1.1 Illustration showing installation method. 5.1.2 Detailed written instructions with step by step instructions on how to properly attach the tip over restraint. 5.1.3 Parts list including illustrations. 5.2 Clear and complete installation instructions for the tip over restraint shall be included.</p>	
7.3	<p>Clause 6 of ASTM F3096-14(2021) Labeling Requirements 6.1 The following information shall be provided with each tip over restraint: 6.1.1 Manufacturer's name and address. 6.1.2 Date of manufacture (capable of identifying at a minimum the month and year of manufacture).</p> <p>Permanency of Labels and Warnings Testing:</p> <p>7.3.1 A paper label shall be considered permanent if, during an attempt to remove it without the aid of tools or solvents, it cannot be removed, it tears into pieces upon removal, or such action damages the surface to which it is attached.</p> <p>7.3.2 A non-paper label shall be considered permanent if, during an attempt to remove it without the aid of tools or solvents, it cannot be removed or such action damages the surface to which it is attached.</p> <p>7.3.3 <i>Adhesion Test for Warnings Applied Directly onto the Surface of the Product:</i></p> <p>7.3.3.1 Apply the tape test defined in Test Method B – Cross-Cut Tape Test of Test Methods D3359 eliminating parallel cuts.</p> <p>7.3.3.2 Perform this test once in each different location where warnings are applied.</p> <p>7.3.3.3 The warning statements shall be considered permanent if the printing in the area tested is still legible and attached after being subjected to this test.</p>	PASS

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Test	Test Description and Requirements	Test Results
8	<p>Marking and Labeling</p> <p>8.1 Warnings on Product:</p> <p>8.1.1 Each clothing storage unit shall be permanently marked in at least one place with the warnings from this section. The warnings shall be in a conspicuous location when in use; the back of the unit intended to be placed against the wall is not considered conspicuous when in use.</p> <p>8.2 Warnings Format and Content:</p> <p>8.2.1 The warnings shall be formatted in a manner consistent with ANSI Z535.4. See Fig. 6 and Fig. 7 for examples.</p> <p>8.2.2 The signal word panel shall include the Safety Alert Symbol “△” and state “WARNING” in all caps, bold face type not less than 0.15 in. (3.8 mm) capital letter height in a sans serif font. The letter color shall be safety black on a safety orange or safety white background, or safety white on a safety black background.</p> <p>8.2.3 In the following sections, the plain type is descriptive information; bold type is used for the required warning statements. The warning statements, unless otherwise noted, shall be included as stated. All text shall be a sans serif font, not less than 0.1 in. (2.5 mm) capital letter height. The text shall be safety black letters on a safety white background or the letters shall contrast the background.</p> <p>8.2.3.1 The warning message panel shall begin with the following statement in bold face type. Children have died from furniture tipover. To reduce the risk of furniture tipover:</p> <p>8.2.3.2 The warning message panel shall include the following statements, preceded by a bullet point, in the order given.</p> <p>8.2.3.3 ALWAYS install tipover restraint provided.</p> <p>8.2.3.4 Television use shall be addressed in the warnings by following either 8.2.3.4(1) or 8.2.3.4(2).</p> <p>(1) For clothing storage units that are not designed and intended by the manufacturer to be used with a TV shall state: NEVER put a TV on this product.</p> <p>(2) For clothing storage units that are designed and intended by the manufacturer to be used with a TV, the warning shall address TV use. See Appendix X1 for reference.</p> <p>8.2.3.5 NEVER allow children to stand, climb, or hang on drawers, doors, or shelves.</p> <p>8.2.3.6 NEVER open more than one drawer at a time.</p> <p>8.2.3.7 When the unit includes interlocking drawers: DO NOT defeat or remove the drawer interlock system. Units that do not include interlocking drawers shall not use this statement.</p> <p>8.2.3.8 Place heaviest items in the lowest drawers.</p> <p>8.2.3.9 The following statement is required below all other text, in italic letters, this statement may not be larger type than any other wording on the warning: This is a permanent label. Do not remove!</p>	PASS

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Test	Test Description and Requirements	Test Results
8	<p>(continued above)</p> <p>8.2.4 Each safety symbol panel shall measure at least 1.25 in. by 1.25 in. (31.8 mm by 31.8 mm); each safety symbol shall measure at least 1 in. by 1 in. (25.4 mm by 25.4 mm). Each symbol shall be safety black with either a safety black or safety red prohibition symbol or the symbol shall contrast with the background. The safety symbol panel for each symbol shall be bounded on all sides with a safety black line or the line shall contrast with the background.</p> <p>8.2.4.1 The child climbing prohibition symbol shown in Fig. 8 shall be used on all warning labels.</p> <p>8.2.4.2 The TV prohibition symbol shown in Fig. 9 shall be used on units that include the warning in 8.2.3.4(1).</p> <p>8.2.5 The contents of the warnings shall not be modified except as specifically indicated above and/or to include languages other than English.</p> <p>8.2.6 The warnings shall be permanent when tested in accordance with 7.3.1, 7.3.2, or 7.3.3 as appropriate.</p> <p>APPENDIXES X1. TV USE INFORMATION (Nonmandatory Information)</p> <p>X1.1 This is an informative appendix that may assist in determining the appropriate weight of televisions to use with clothing storage units; compliance with this appendix is not mandatory for compliance with this standard.</p> <p>X1.2 The additional weight of a TV that is set on a furniture product can adversely affect stability and create a hazard. ANSI UL 1678 (latest version dated March 24, 2017) is a technical standard containing test procedures and other requirements intended to mitigate this hazard.</p> <p>X1.3 The statement required by ANSI UL 1678 to address TV use is: For use with televisions weighing X lb (kg) or less. Use with heavier televisions may result in instability causing tip-over resulting in death or serious injury.</p>	PASS

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SAMPLE INFORMATION AND PICTURES

Overall Dimensions: 640mm L x 370mmW x 740mm H

Other Dimensions: /

Sample as Received



Image 1



Image 2



Image 3



Tip over restraint

End of Report

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