



TEST REPORT

Report No. : WTF25F04085781C
Job No. : FSW2504080358CJ
Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 112213
Sample Name : Plant based wax candle
Sample Model : MO2712
Test Requested : Refer to next page (s)
Test Conclusion : **Pass** (Please refer to next pages for details)
Date of Receipt sample : 2025-04-09
Testing period : 2025-04-09 to 2025-04-30
Date of Issue : 2025-04-30
Test Result : Refer to next page (s)

Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang

Swing.Liang



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Summary

| Item No. | Test Requested | Test Conclusion |
|----------|---|-----------------|
| 1 | EN 15493:2019 Candles-Specification for fire safety | Pass |
| 2 | EN 15494:2019 Candles-Product safety labels | Pass |
| 3 | EN 15426:2018 Candles-specification for Sooting Behaviour | NA |

NOTE: NA=Not Applicable

Sample photo:





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Test Results:**1) Burning safety (EN 15493:2019)**

| | |
|-----------------------------|--|
| Test standard: | EN 15493:2019 Candles-Specification for fire safety |
| Number of sample(s) tested: | 3 pieces of candle for testing |
| Instruction label | Provided |
| Burn test cycle | Burn candle 4 hours, pause for minimum 1 hour. Continue to burn in cycles until self-extinguishing. |
| Test Conclusion: | Pass |

| Clause | Requirement | Result |
|--------|---|--------|
| 4.1 | Stability Freestanding candles, container candles and candles that are sold together with a holder or other accessories shall not tip over when tested on a slope of $(10 \pm 0.2)^\circ$. | PASS |
| 4.2 | Secondary ignition No secondary ignition shall occur for more than 10s | PASS |
| 4.3 | Flame height Maximum 75 mm for all candles except tea lights Maximum 30 mm for tea lights | PASS |
| 4.4 | Self-extinguishing To prevent the ignition of the surface underneath, freestanding candles marketed as self-extinguishing shall self-extinguish at the end of the burning time. The candles shall neither burn a paper placed underneath nor cause any scorch marks on it during the whole burning test. To prevent the ignition or cracking of a supporting holder, non- freestanding candles marketed as self-extinguishing shall self- extinguish at a residual height of ≥ 12 mm in case of candles with a diameter of ≤ 14 mm and at a residual height of ≥ 18 mm in case of other candles. | NA |
| 4.5 | Behaviour after extinguishing After extinguishing the candle shall not spontaneously re-light. The wick shall not continue to glow or smoke for an average time of more than 30 s after extinguishing. | PASS |
| 4.6 | Container candles The container shall not crack or break at any time throughout the burning test. | PASS |

Abbreviation: NA =Not applicable



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Test data:

| Sample ID | Wax weight (in net and g) | Size (mm) |
|-----------|---------------------------|----------------|
| A1 | 1248.0 | Φ138.51×139.61 |
| A2 | 1265.5 | Φ138.41×139.51 |
| A3 | 1232.5 | Φ138.76×138.78 |

| Sample ID | Flame height (mm) | | Total burn time(hours) | Percentage of wax burnt (%) | Wax spillage(%) | Average after smoke or glow time (s) |
|-----------|-------------------|---------|------------------------|-----------------------------|-----------------|--------------------------------------|
| | Minimum | Maximum | | | | |
| A1 | 15 | 25 | 128H | 99.00 | -- | 7 |
| A2 | 15 | 25 | 128H24min | 99.48 | -- | 7 |
| A3 | 15 | 30 | 120H | 99.02 | -- | 7 |

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2) Candle Fire safety labelling (EN 15494:2019)

| | |
|------------------|---|
| Test standard: | EN 15494:2019 Candles-Product Safety Labels |
| Test Conclusion: | Pass |

| Clause | Requirement | Result | Rating |
|--------|--|---|--------|
| | | 1 | |
| 4.2 | <p>Layout of the product safety label</p> <p>The product safety label for candles consists of the following components:</p> <ul style="list-style-type: none">general warning sign based upon ISO 7010- W001 (see Figure 1) .mandatory supplementary safety information symbols or texts (see Tables 1 to 3).optional supplementary safety information symbols or texts (See Annex A) . <p>The supplementary safety information symbols or texts shall be placed in close proximity to the general warning sign below and/or to the right beside the general warning sign (see Figure 2) . Borders are optional.</p> <p>All components of the product safety label shall be in distinct contrast from its background. For candle labels made with one-colour printing, the background colour of the general warning sign does not need to be yellow.</p>  <p>Figure 1 – General warning sign</p>  <p>Figure 2 – examples of layouts of a product safety label for candles</p> | <p>See Test Data</p> <p>Safety information beside the general warning sign</p> | PASS |
| 4.3 | <p>Layout of supplementary safety information</p> <p>If safety information texts are chosen rather than safety information symbols then they or their practical equivalents shall be given in their own national language or languages of the country in which the candles are marketed.</p> <p>The supplementary safety symbols and text shall be</p> | <p>The height of the safety symbols:5.24mm</p> <p>Calculate the height of the safety symbol based on the electronic tag provided by</p> | PASS |



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| | | | |
|-----|--|--------------------------|------|
| | <p>reproduced as shown in Tables 1 to 3 and Tables A. 1 to A. 5. However, some degree of modification is permitted when cultural differences or special application formats (e.g. candle shape/type) need to be considered, provided the original meaning is retained and comprehension of the safety information is maintained.</p> <p>The minimum height of the safety symbols is 5 mm provided that the content of the safety message is legible due to the quality of the print.</p> | the customer. | |
| 4.4 | <p>Display of a product safety label</p> <p>As a minimum the product safety label with the mandatory supplementary safety information (Tables 1 to 3) shall be visible and legible on the packaging or product.</p> <p>If the space is limited, the optional supplementary safety information can be placed elsewhere, e.g. on the backside of a peel-off label or the inner sides of a fold-out label, together with the mandatory supplementary safety information repeated. There shall be clear indication where to find this additional safety information.</p> | Safety labels on product | PASS |

Remark:

- 1)The above only verified the integrity and standardization of the label, excluding the verification on the authenticity of the content.
- 2)Applicant should ensure to meet requirements of the standard.



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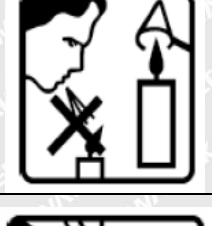


Test data:

| In the form of symbol | In the form of Text | Finding |
|---|---|-------------------|
| Table 1- Mandatory supplementary safety information | | |
| | Never leave a burning candle unattended. | In Symbol Present |
| | Keep away from things that can catch fire. | In Symbol Present |
| | Keep away from children and pets. | In Symbol Present |
| Table 2 – Additional mandatory supplementary safety information –specific for certain candles types | | |
| | Use a heat resistant candleholder. | In Symbol Present |
| Table 3 – Additional mandatory supplementary safety information –specific for floating candles | | |
| | Use in a suitable bowl filled with water | Not Present |
| Table A.1 – Optional supplementary safety information | | |
| | Keep candles at least x cm apart. Note: X represents the minimum safety distance between candles and is defined by the manufacturer. | In Symbol Present |



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| | | |
|---|---|-------------|
|  | Do not burn in a draught. | Not Present |
|  | Do not place near a heat source. | Not Present |
|  | Place candle upright. | Not Present |
|  | Trim wick to x cm. Note: x represents the maximum length of the wick and is defined by the manufacturer. | No Present |
|  | Snuff out the flame. Do not blow it out. | No Present |
|  | Keep wax pool clear of matches and debris. | Not Present |
|  | Do not move a burning candle. | No Present |



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| | | |
|---|---|-------------|
|  | Never use liquid to extinguish. | Not Present |
|  | Remove packaging before use. | Not Present |
|  | Trim edge if higher than x cm. Note: x represents the maximum height of the edge and is defined by the manufacturer. | Not Present |

Table A.2 – Additional optional supplementary safety information – specific for tea light

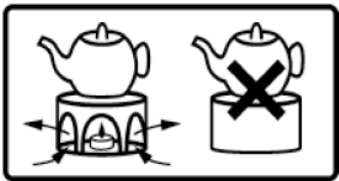
| | | |
|---|---|-------------|
|  | Only use in holders and warming stoves with sufficient ventilation. | Not Present |
|---|---|-------------|

Table A.3 – Additional optional supplementary safety information – specific for votive candles


| | | |
|---|--|-------------|
|  | This candle liquefies, use a suitable container. | Not Present |
|---|--|-------------|

Table A.4 – Additional optional supplementary safety information – specific for container candles


| | | |
|---|---------------------------|-------------|
|  | Do not touch, may be hot. | Not Present |
|---|---------------------------|-------------|

Table A.5 – Additional optional supplementary safety information – specific for candles not appropriate to use in a warming unit, e.g. scented tea lights



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Do not burn in a warming unit.

Not Present

Test Material List:

| Material No. | Sample Description | Location |
|--------------|--------------------|------------|
| 1 | Candles | Individual |
| 2 | Candle label | Label |

Note:

1. The above test items are subcontracted projects. As per client's requirement, the test results are quoted from report No. CTT2504011602EN (Lab: Guangdong Consumer Testing Technology Co., Ltd).

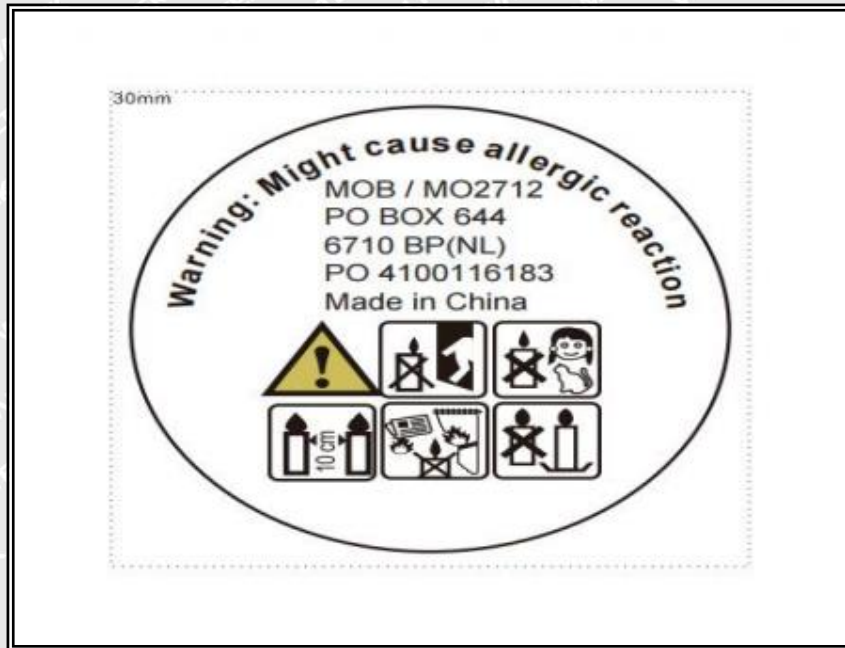
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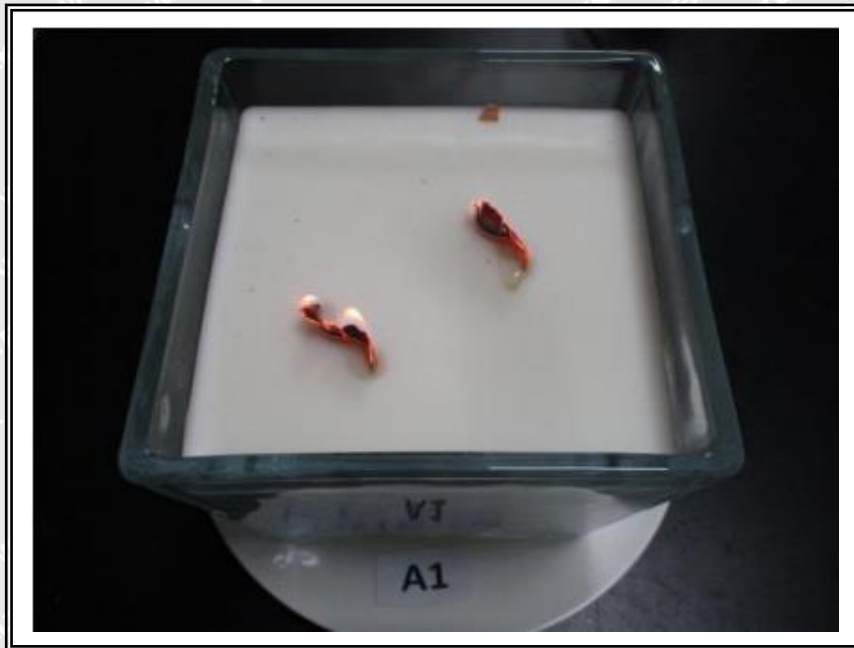
Test sample photo:





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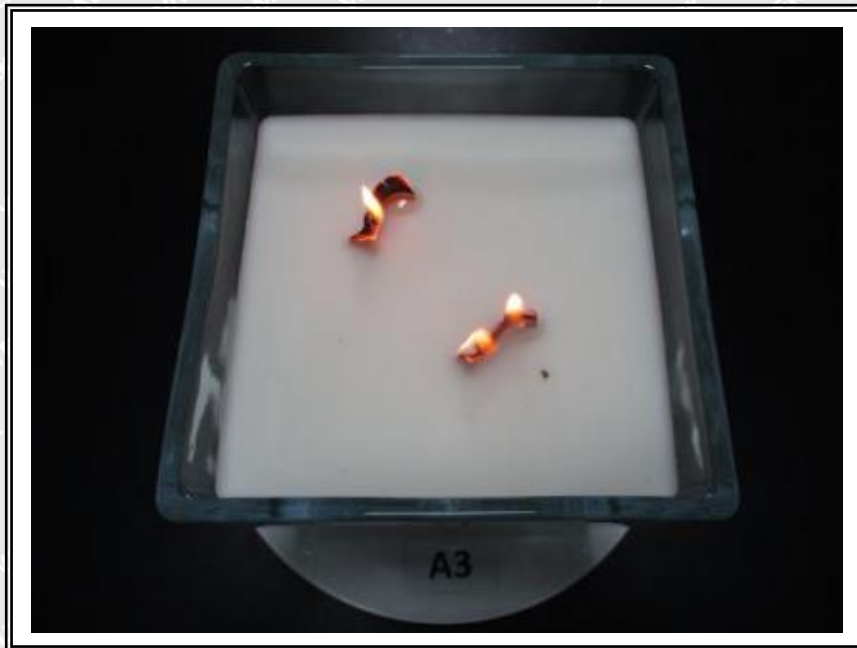
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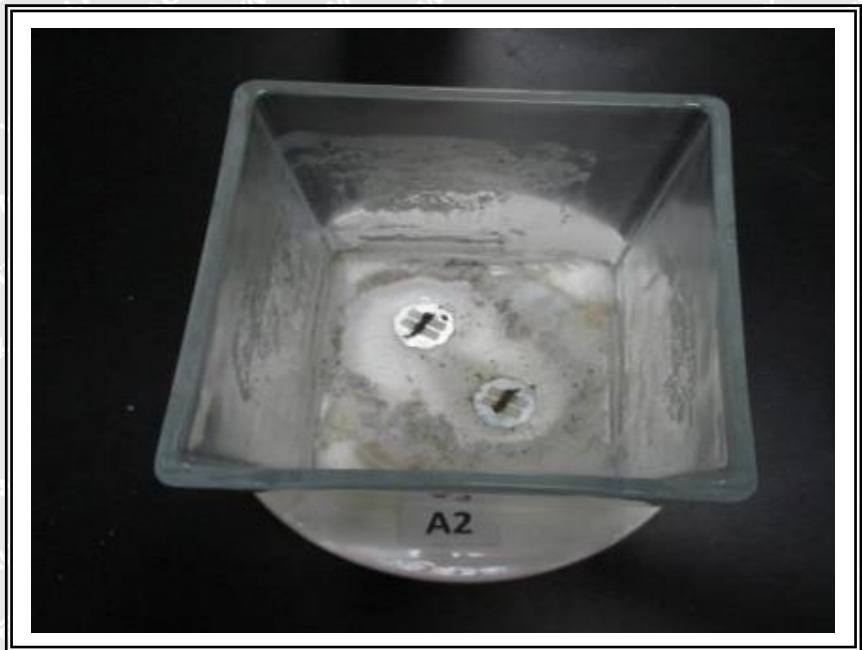
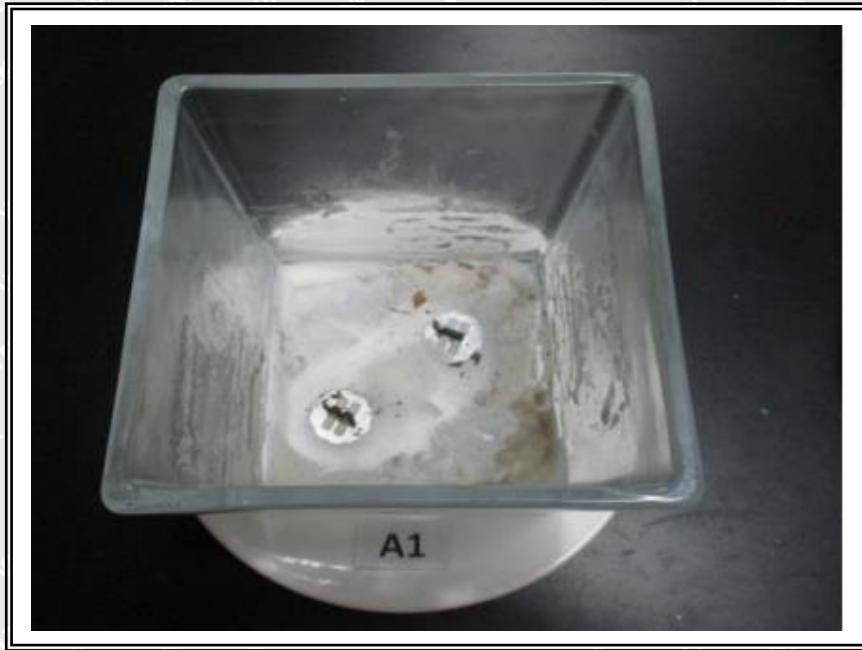
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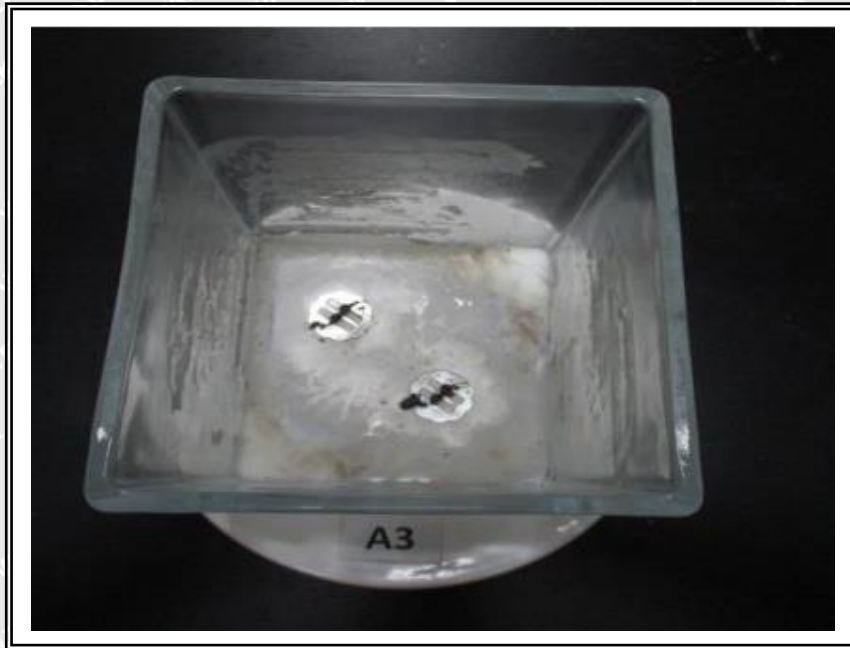
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Remarks:

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===== End of Report =====

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