

Test Report

No.AJFS1810009823FF

Date: OCT.16, 2018

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READ AND COMPANY

727 VENICE BLVD., LOS ANGELES, CA 90015, USA.

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Description: SEMRLD BACKLIT BANNER

Color: BLUISH WHITE

Density: 1.38

Style/Item No.: BL550-560M-LTX

Composition: PVC+POLYESTER MESH+PVC

P.O./ Ref No.: PO 19804

Supplier: READANDCOMPANY

Country of Destination: U.S.A

End Use Application: LIGHT BOX FILM

Test Requested:

ASTM D635-2014 standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position

Test Results: – See attached sheet -

Test Period:

Sample Receiving Date : OCT.OS, 2018

Test Performing Date : OCT.OS, 2018 TO OCT.12, 2018

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Technical Manager



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I. Test conducted

This test was conducted accordance with ASTM D635-2014 Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.

II. Sample details

| | | | |
|--------------------|----------------------------|--------------|-----------------|
| Sample description | One sample of plastic film | | |
| Color | White | | |
| Density | About 473 g/m ² | | |
| Size of sample | Length 125mm | Width 13.0mm | Thickness 0.4mm |

| | | | |
|--------------|------------|-----------|------|
| Conditioning | T :23± 2℃, | H :50±5%, | 48 h |
|--------------|------------|-----------|------|

III. Test results

| Specimen No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|
| Specimen continue to burn after application of the test flame (Yes / No) | No | No | No | No | No | No | No | No | No | No |
| The flame front reached the 25 mm reference mark (Yes / No) | No | No | No | No | No | No | No | No | No | No |
| The flame front reached the 100 mm reference mark (Yes / No) | No | No | No | No | No | No | No | No | No | No |
| The specimen is reignited by burning material on the gauze (Yes / No) | No | No | No | No | No | No | No | No | No | No |
| Burned length (L), mm | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Elapsed time (t), s | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Linear burn rate (V=60L/t) , mm/min | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Average linear burn rate (mm/min) | -- | | | | | | | | | |

Remark: NA-- Not applicable, the flame front did not reach the 25mm reference mark.

Classification (Appendix of ASTM D635-2014, Non-mandatory)

- [☒] The behavior of specimens shall be classified **HB** (Horizontal burning),
 [☐] The behavior of specimens shall not be classified **HB** (Horizontal burning)

To be continued....



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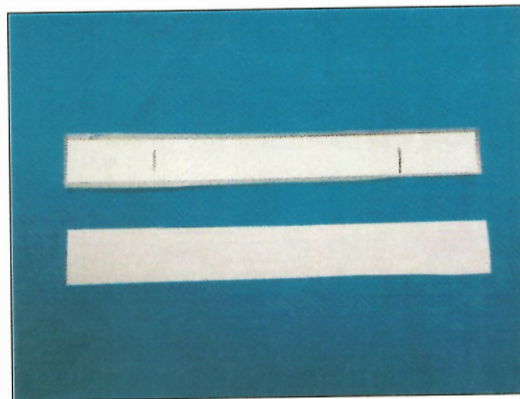
Classification system for determining the relative linear rate of burning and/or extent and time of burning of plastics:

The behavior of specimens shall be classified HB (HB=horizontal burning), if

1. There is no visible signs of combustion after ignition source is removed, or
2. The flame front does not pass the 25 mm reference mark, or
3. The flame front passes the 25 mm reference mark but does not reach the 100 mm reference mark, or
4. The flame front passes the 100 mm reference mark and the linear burning rate does not exceed 40 mm/min for specimens having a thickness between 3 and 13mm or 75mm/min for specimens having a thickness less than 3 mm.
4. If only one specimen from the first set of specimens does not comply with the criteria indicated, another set of specimens is to be tested. All specimens from this second set shall comply with the criteria indicated in order for the material, of that thickness, to be classified as HB
5. If the linear burning rate does not exceed 40 mm/min when tested in the 3 mm±0.2 mm, the HB category designation shall be extended to a 1.5 mm minimum thickness

Statements: This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire hazards or fire risk assessment of materials, products, or assemblies under actual fire conditions.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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