

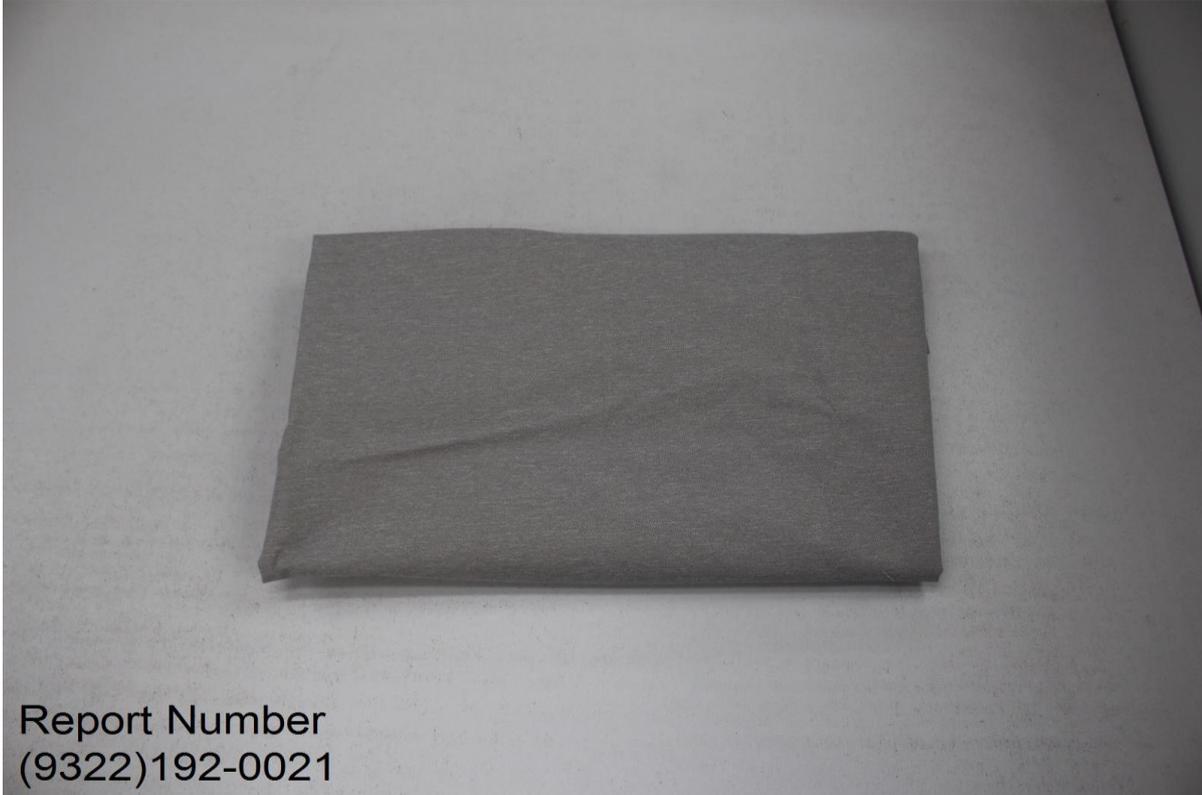


**BUREAU
VERITAS**

TEST REPORT

Technical Report: (9322)192-0021 **REVISED**

Page 1 of 7
July 21, 2022



Report Number
(9322)192-0021



**BUREAU
VERITAS**

TEST REPORT

TO : AXROMA TECHNICAL TEXTILES CO., LTD.
NO.25, YUZHOU ROAD(SOUTH), HAIZHOU
DEVELOPMENT ZONE, LIANYUNGANG
CITY, JIANGSU PROVINCE 222062 CHINA

ATTN : SHI ,

LAB NO.: (9322)192-0021
REVISÉD
FORM NO.: /
DATE IN: Jul 11, 2022
DATE OUT: Jul 21, 2022
NO. OF WORKING DAYS: /
REVISÉD DATE: Jul 22, 2022
PAGE 2 OF 7

| | |
|-----------------------|-----------------------------------|
| OVERALL RATING | |
| PASS | <u> X </u> |
| FAIL | <u> </u> |
| DATA | <u> </u> |

| | | | |
|-------------------------------|---------------------------|------------------------------|---|
| Vendor: | / | Agent: | / |
| Fabric Supplier/Mill: | / | Factory/Manufacturer: | / |
| P.O. No.: | / | Style No.: | 15236702/702.102 |
| Sample Description: | 100% SOLUTION-DYED OLEFIN | Style Description: | / |
| Color: | MARBLE GREY | Country of Origin: | / |
| Claimed Fabric Weight: | / | Claimed Fabric Count: | / |
| Yarn Size: | / | Submitted Size: | / |
| Size Range: | / | FPU No.: | / |
| GPU No.: | / | End Use: | OUTDOOR CUSHION/ PILLOW/ UPHOLSTERY |
| SKU: | / | Age Group: | / |

| | |
|----------------------------|-------------------|
| Product Category | FABRIC |
| Test Requested | SEE TEST PROPERTY |
| Previous Report No. | / |

| | |
|---|-------------|
| Submitted Fiber Content | 100% OLEFIN |
| Actual Fiber Content | / |
| Suggested Fiber Content | / |
| Submitted Care Instruction(s) | / |
| Client Expected Care Instruction | / |
| Suggested Care Instruction(s) | / |



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| TEST PROPERTY | PASS | FAIL | DATA | COMMENTS |
|---|------|------|------|--------------------------------------|
| THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988. S.I. NO. 1324 (BS 5852) | X | | | THE RESULT WAS SUBCONTRACTED ITEM |

**TECHNICAL
QUESTIONS** (86)20-22902088
bvcps_pyinfo@cn.bureauveritas.com

**GENERAL
INFORMATION** (86)20-22902088
bvcps_pyinfo@cn.bureauveritas.com

SIGNATURES Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd

Quan Peng
Operation Manager



TEST PROPERTY

TEST RESULTS

REQUIREMENTS

The furniture and furnishings (fire) (safety) regulations 1988. S.i. No. 1324 (BS 5852)

SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

**1. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324
(amended 1989, 1993 and 2010),
Schedule 4, Part I, Ignitability test for Cover fabrics.
Cigarette Test (Ignition Source 0)**

| Specimen number | 1 | 2 |
|--|--------------|--------------|
| Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB) | DNI | DNI |
| Time for cigarette consumed | 24min 13 sec | 23min 19 sec |
| Smouldering | NIL, 0 sec | NIL, 0 sec |
| Flaming ceased | NIL, 0 sec | NIL, 0 sec |
| Smoking | NIL, 0 sec | NIL, 0 sec |
| Afterglow | NO | NO |
| Cover char splitting | NA | NA |
| Final examination of progressive smouldering | / | / |
| Criteria of failure | / | / |

**2. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324,
(amended 1989, 1993 and 2010),
Schedule 5, Part I, Ignitability test for Cover fabrics.
Match Test (Ignition Source 1)**

| Specimen number | 1 | 2 |
|--|------------|------------|
| Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB) | DNI | DNI |
| Smouldering ceased | NIL, 0 sec | NIL, 0 sec |
| Flaming ceased | NIL, 0 sec | NIL, 0 sec |
| Smoking | YES, 6 sec | YES, 5 sec |
| Afterglow | NO | NO |
| Cover char splitting | NO | NO |
| Final examination of progressive | / | / |



**BUREAU
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TEST RESULTS

TEST PROPERTY

REQUIREMENTS

| | | |
|---------------------|---|--|
| smouldering | | |
| Criteria of failure | / | |

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: (cover)

Details of sample: /

Material Identification: Not given.

ANNEX II: ADDITIONAL COMMENTS

- I All the test results contained on this report are relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.
- II BV can take no responsibility for the accuracy of the reference/descriptions supplied by the client.
- III NA = Not applicable on this evaluation.
- IV In the cigarette test, the submitted sample was tested in combination with Combustion Modified High Resilient (CMHR) Foam as specified in Schedule 5 Part II of the Regulations.
- V In the Match test, the submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in Schedule 5 Part I of the Regulations.
- VI In the interests of safety all tested samples, along with any residue of failed samples will be disposed of immediately.

TEST INFORMATION & EXECUTIVE SUMMARY

Evaluation To: Flammability in comparison with the requirements of: -
1. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 4, Part I, Cigarette test for cover fabrics.
2. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 5, Part I, Match test for cover fabrics.

Standards Employed: As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852:Part 1:1979.

Condition prior to testing: Prior to testing the fabric was cleansed using a water-soak procedure as described in BS 5651:1978(As specified), line dried and conditioned in indoor ambient conditions for 72 hours and then in a standard atmosphere having a temperature of 20±5°C and a relative humidity of 50±20% RH for a minimum of 16 hrs.

Conclusions: The cover sample supplied **MEETS** the requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988, S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 4, Part I and Schedule 5, Part I, when using ignition source 0 & 1 of BS 5852:Part 1:1979.

SUMMARY OF EXAMINATION

Introduction:

C/N



**BUREAU
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TEST RESULTS

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REQUIREMENTS

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

**The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324,
(amended 1989, 1993 and 2010),
Schedule 5, Part I, Ignitability test for Cover fabrics.
Match Test (Ignition Source 1)**

| | | |
|--|------------|------------|
| Specimen number | 1 | 2 |
| Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB) | DNI | DNI |
| Smouldering ceased | NIL, 0 sec | NIL, 0 sec |
| Flaming ceased | NIL, 0 sec | NIL, 0 sec |
| Smoking | YES, 6 sec | YES, 5 sec |
| Afterglow | NO | NO |
| Cover char splitting | NO | NO |
| Final examination of progressive smouldering | / | / |
| Criteria of failure | / | / |

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: (cover)

Details of sample: /

Material Identification: Not given.

ANNEX II: ADDITIONAL COMMENTS

- VII All the test results contained on this report are relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.
- VIII BV can take no responsibility for the accuracy of the reference/descriptions supplied by the client.
- IX NA = Not applicable on this evaluation.
- X In the Match test, the submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in Schedule 5 Part I of the Regulations.
- XI In the interests of safety all tested samples, along with any residue of failed samples will be disposed of immediately.

TEST INFORMATION & EXECUTIVE SUMMARY

Evaluation To: Flammability in comparison with the requirements of: -

C/N



**BUREAU
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TEST RESULTS

TEST PROPERTY

REQUIREMENTS

| | |
|-----------------------------|---|
| Standards Employed: | The Furniture and Furnishings (Fire) (Safety) Regulations 1988, S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 5, Part I, Match test for cover fabrics. As specified in above standard(s) and incorporated with using ignition source 1 of BS 5852:Part 1:1979. |
| Condition prior to testing: | Prior to testing the fabric was cleansed using a water-soak procedure as described in BS 5651:1978(As specified), line dried and conditioned in indoor ambient conditions for 72 hours and then in a standard atmosphere having a temperature of 20±5°C and a relative humidity of 50±20% RH for a minimum of 16 hrs. |
| Conclusions: | The cover sample supplied MEETS the requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988, S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 5, Part I, when using ignition source 1 of BS 5852:Part 1:1979. |