

**M.BILAL TEXTILE INDUSTRIES PRIVATE LIMITED**

15-D NEW GARDEN BLOCK FAISALABAD

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

Sample Description : WOVEN FABRIC: 100% Cotton

Job No : 4227780

Sample No : 2142024067

Sample Color : (A)Grey

Composition : (A)100% Cotton

Construction : 14/2x14/2 41:27

Country of Origin : Pakistan

Retest : No

Sample Receiving Date : Nov 22, 2022

Testing Period : Nov 22, 2022 - Dec 01, 2022

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of  
SGS Pakistan Limited



**Mr. Usman Mehboob**

Assistant Manager

Connectivity and Products (C&P)

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**Test Result**
**Flammability Test for Wall & Top Materials of Camping Tentage Products (CPAI-84:2021; Section 6)**

Fabric Weight: 426 g/sq.m

**Test results**
**As received**

| Specimen | Damaged Length (mm) |           | After-flame time (second) |           |
|----------|---------------------|-----------|---------------------------|-----------|
|          | Lengthwise          | Widthwise | Lengthwise                | Widthwise |
| 1        | 60                  | 55        | 0                         | 0         |
| 2        | 58                  | 61        | 0                         | 0         |
| 3        | 62                  | 63        | 0                         | 0         |
| 4        | 62                  | 59        | 0                         | 0         |
| Average  | 60                  |           | 0                         |           |

\*Continuous flaming was not observed after the dipped/broken material fell on the floor of the test cabinet.

**After Leaching**

| Specimen | Damaged Length (mm) |           | After-flame time (second) |           |
|----------|---------------------|-----------|---------------------------|-----------|
|          | Lengthwise          | Widthwise | Lengthwise                | Widthwise |
| 1        | 62                  | 56        | 0                         | 0         |
| 2        | 65                  | 60        | 0                         | 0         |
| 3        | 66                  | 59        | 0                         | 0         |
| 4        | 63                  | 60        | 0                         | 0         |
| Average  | 61                  |           | 0                         |           |

\*Continuous flaming was not observed after the dipped/broken material fell on the floor of the test cabinet.

**After Weathering**

| Specimen | Damaged Length (mm) |           | After-flame time (second) |           |
|----------|---------------------|-----------|---------------------------|-----------|
|          | Lengthwise          | Widthwise | Lengthwise                | Widthwise |
| 1        | 65                  | 52        | 0                         | 0         |
| 2        | 64                  | 55        | 0                         | 0         |
| 3        | 62                  | 58        | 0                         | 0         |
| 4        | 66                  | 55        | 0                         | 0         |
| Average  | 60                  |           | 0                         |           |

\*Continuous flaming was not observed after the dipped/broken material fell on the floor of the test cabinet.

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**Requirements**
**1. Damaged Length**

| Fabric weight (g/sq.m)              | Maximum average for sample unit (mm) | Maximum for individual specimen (mm) |
|-------------------------------------|--------------------------------------|--------------------------------------|
| More than 340                       | 115                                  | 255                                  |
| More than 270 but Not more than 340 | 140                                  | 255                                  |
| More than 200 but Not more than 270 | 165                                  | 255                                  |
| More than 135 but not more than 200 | 190                                  | 255                                  |
| More than 50 but Not more than 135  | 215                                  | 255                                  |
| 50 or less                          | 230                                  | 255                                  |

**2. After flame time**

- No specimen shall have an after-flame time of more than 4 seconds
- Average after-flame time of all specimens shall not exceed 2 seconds

**3. Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet**
**4. These requirement includes:**

- specimens that were unleached and unweathered
- specimens that were leached but unweathered
- specimens that were weathered but unleached

**Comment**

The submitted sample meets the requirements prescribed in CPAI-84:2021 Section 3.

**Remarks**
**1. Leaching procedure:**

According to CPAI-84:2021 Section 4.1: Submerging in water for 72 hours

**2. Weathering procedure:**

According to CPAI-84:2021 Section 4.2.2.3: Accelerated Weathering Procedure  
(Fluorescent UV and Condensation Method)

Test duration: 54 hours

Test cycle: 8 hours of UV at 60 degree C, followed by 4 hours of condensation at 50 degree C using UVA-340 lamps

Remarks: Above test has been subcontracted to SGS Hong Kong Lab.

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Sample Photo



\*\*\*End of Report\*\*\*

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