

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

Sample description : RIPSTOP NYLON  
 Sample Receiving Date : Apr.11, 2019  
 Test Performing Date : Apr.11, 2019 to Apr.23, 2019

### Test Result Summary

| No.                                                        | Test(s) Requested                                                                                                                                       | Result(s) | Comments |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| 1                                                          | Flammability Test for Section 6-Wall and Top Material in CPAI -84 A specification for flame – resistant materials used in camping tentage 1995 Revision | PASS      | /        |
| For further details, please refer to the following page(s) |                                                                                                                                                         |           |          |

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



Ivette Zhang  
 Approved signatory



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## Test Report

No. SDFS1904001597FF

Date: Apr.23, 2019

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### Test Conducted:

Based on Flammability Test for section 6-Wall and Top Materials in CPAI -84 A specification for flame – resistant materials used in camping tentage 1995 Revision

### Sample details:

|           |        |        |                      |
|-----------|--------|--------|----------------------|
| Materials | Fabric | Weight | 157 g/m <sup>2</sup> |
|-----------|--------|--------|----------------------|

### Conditioning:

|                            |                                                                             |                   |
|----------------------------|-----------------------------------------------------------------------------|-------------------|
| Leaching Condition         | <input checked="" type="checkbox"/> YES (CPAI-84:1995 Clause 4.1)           |                   |
| Accelerated Weathering     | <input checked="" type="checkbox"/> Yes, as per CPAI-84:1995 Clause 4.2.2.3 |                   |
| ---                        | Temperature                                                                 | Relative humidity |
| Test Condition Requirement | (21±1) °C                                                                   | (50±2) %          |

### Test Results:

#### 1) Specimens that were unleached and unweathered

| Specimen | Damaged Length(mm) |         | After Flame Time (s) |         | Flaming Broken or Flaming Debris (Yes/No) |         | Rating |         |
|----------|--------------------|---------|----------------------|---------|-------------------------------------------|---------|--------|---------|
|          | Warp               | Filling | Warp                 | Filling | Warp                                      | Filling | Warp   | Filling |
| 1        | 136                | 133     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 2        | 105                | 124     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 3        | 103                | 107     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 4        | 128                | 118     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| Average  | 119                |         | 0.0                  |         | ---                                       |         | Pass   |         |

#### 2) Specimens that were leached but unweathered

| Specimen | Damaged Length(mm) |         | After Flame Time (s) |         | Flaming Broken or Flaming Debris (Yes/No) |         | Rating |         |
|----------|--------------------|---------|----------------------|---------|-------------------------------------------|---------|--------|---------|
|          | Warp               | Filling | Warp                 | Filling | Warp                                      | Filling | Warp   | Filling |
| 1        | 98                 | 114     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 2        | 129                | 120     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 3        | 133                | 117     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 4        | 124                | 135     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| Average  | 121                |         | 0.0                  |         | ---                                       |         | Pass   |         |



SGS-CSTC Inspection & Testing Services Co., Ltd.  
Shunde Branch

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### 3) Specimens that were weathered but unleached

| Specimen | Damaged Length(mm) |         | After Flame Time (s) |         | Flaming Broken or Flaming Debris (Yes/No) |         | Rating |         |
|----------|--------------------|---------|----------------------|---------|-------------------------------------------|---------|--------|---------|
|          | Warp               | Filling | Warp                 | Filling | Warp                                      | Filling | Warp   | Filling |
| 1        | 105                | 120     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 2        | 99                 | 134     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 3        | 137                | 131     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| 4        | 124                | 106     | 0.0                  | 0.0     | No                                        | No      | Pass   | Pass    |
| Average  | 120                |         | 0.0                  |         | ---                                       |         | Pass   |         |

### Performance Requirement:

- 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.
- 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.
- These requirement includes:  
Specimens that were unleached and unweathered  
Specimens that were leached but unweathered  
Specimens that were weathered but unleached
- Damaged lengths (table 1 in standard)

| Fabric weight (g/m <sup>2</sup> ) | Maximum average for sample unit(mm) | Maximum for individual specimen (mm) |
|-----------------------------------|-------------------------------------|--------------------------------------|
| >340                              | 115                                 | 255                                  |
| 270~340                           | 140                                 | 255                                  |
| 200~270                           | 165                                 | 255                                  |
| 135~200                           | 190                                 | 255                                  |
| 50~135                            | 215*                                | 255*                                 |
| ≤50                               | 230*                                | 255*                                 |

- \*Any wall or top material with a mass of less than 100 g/m<sup>2</sup> will be considered acceptable if the mass loss during the test is no greater than 5 percent of the original test specimen mass, regardless of the damaged length measurement.

**Conclusion: PASS.** The submitted sample met the performance requirement of Wall and Top Material in CPAI -84 A specification for flame – resistant materials used in camping tentage 1995 Revision.



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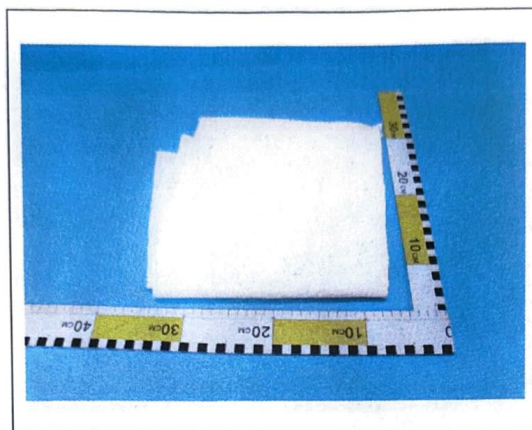
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### Photo Appendix:



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



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