TEST DATA
Disposable Non-Woven, NFPA 701

SGS

Test Report

No. AJFS1810009935FF
Date: OCT.12, 2018
Page 1 of 3

SUZHOU TIANFENG ENVIRONMENTAL MATERIALS TECHNOLOGY CO., LTD
QIUSHE INDUSTRIAL ZONE, TONGLI TOWN, WUJING, JIANGSU PROVINCE

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

Sample Description: NON-WOVEN FABRIC
SGS Ref No.: AJHL1810002333OT
Type/Style: 3.0"x1.83m-L1'H
P.O. / Ref No.: PO#165907
Supplier: SUZHOU TIANFENG ENVIRONMENTAL MATERIALS TECHNOLOGY CO., LTD
Buyer: ALL OVER THE WORLD
Manufacturer: SUZHOU TIANFENG ENVIRONMENTAL MATERIALS TECHNOLOGY CO., LTD
Country of Origin: CHINA
Country of Destination: USA

Other Comment: COLOR: SUMMER BLUE (PERIWINKLE), 100gsm

Test Requested:
Determine the flame resistance in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Test Results: -- See attached sheet --

Conclusion: The tested sample “As received” meets the requirements of Test Method 1 of NFPA 701:2015.

Test Period:
Sample Receiving Date: OCT.08, 2018
Test Performing Date: OCT.09, 2018 TO OCT.11, 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 in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

<table>
<thead>
<tr>
<th>Sample description / Color</th>
<th>Non-woven fabric / Summer Blue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area density</td>
<td>About 98 g/m²</td>
</tr>
<tr>
<td>Products configuration</td>
<td>Single Layer</td>
</tr>
<tr>
<td>Size of sample *</td>
<td>150mm x 400mm</td>
</tr>
</tbody>
</table>

* With the length parallel to the lengthwise direction of the material

III. Conditioning and cleaning procedure
Cleaning procedure: none
Prior to testing, the sample was:
[ √ ] Dried in oven at 105°C±3°C for 30 minutes.
[ ] Conditioned at 20°C±5°C for 24 hours.

IV. Test results

<table>
<thead>
<tr>
<th>Specimen No.</th>
<th>Mass before test (g)</th>
<th>Mass after test (g)</th>
<th>Mass loss (%)</th>
<th>After flame time (s)</th>
<th>Burning time on floor (s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.65</td>
<td>6.27</td>
<td>5.71</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>6.60</td>
<td>6.23</td>
<td>5.61</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>6.13</td>
<td>5.38</td>
<td>2.45</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>6.09</td>
<td>5.81</td>
<td>4.60</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>6.58</td>
<td>6.22</td>
<td>5.47</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>6.18</td>
<td>5.88</td>
<td>4.85</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>6.37</td>
<td>6.02</td>
<td>5.49</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>6.15</td>
<td>5.84</td>
<td>5.04</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>6.08</td>
<td>5.79</td>
<td>4.77</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>6.60</td>
<td>6.36</td>
<td>3.64</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mean</td>
<td>6.34</td>
<td>6.04</td>
<td>4.76</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

SD = 1.02  3SD = 3.06  Mean ± 3SD = 7.82

SD – Standards deviation

To be continued....
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Observations:

<table>
<thead>
<tr>
<th>Phenomenon</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigorousness of burning</td>
<td>No</td>
</tr>
<tr>
<td>Material molten dripping</td>
<td>Yes</td>
</tr>
<tr>
<td>Odor smoke</td>
<td>No</td>
</tr>
</tbody>
</table>

Criteria for test method 1 (Chapter 10):
1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimen.
2. The average weight loss of the 10 specimen in a sample shall be 40 percent or less.
3. No individual specimen’s percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen’s percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.

Photo Appendix:

[Image of a cloth material]

SGS authenticate the photo on original report only

*** End of Report ***