

## REPORT ON SUBMITTED SAMPLE RECEIVED ON 01 June 2005

**Sample Description:** White fabric

**Test(s) requested:** BS 7837: 1996

**Test results:**

Date(s) of test Tested between 01/06/06 and 06/06/05

**Flammability performance for textiles used in the construction of marquees and similar textile structures (BS 7837: 1996)**

The sample was tested after water soaking in accordance with clause 3 of BS 5651 : 1989 followed by conditioning for not less than 24 hours in the prescribed atmosphere of 20±2°C and 65±5 % relative humidity. The test method used was BS 5438 : 1999 Test 2B using a 10 seconds flame application time applied to bottom edge of the fabric and with the addition of the use of filter paper as described in clause 8.2 of this specification.

**Requirements:** The sample shall be deemed to pass if for at least five of six specimens have a duration of flaming not exceeding 5 s after the removal of the igniting flame, the lowest boundary of any flame does not reach the upper or either vertical edge ; and the filter paper does not smoulder or flame.

**Results:** These results were obtained using the specified test conditions and do not necessarily represent the behaviour of the test material under other conditions of test or use.

| Flame application time : 10 s | Length |    |    | Width |    |     |
|-------------------------------|--------|----|----|-------|----|-----|
|                               | 1      | 2  | 3  | 1     | 2  | 3   |
| Flame reached an edge :       | No     | No | No | No    | No | No  |
| Hole reached an edge :        | No     | No | No | No    | No | No  |
| Flaming debris :              | No     | No | No | No    | No | No  |
| Duration of flaming (s) :     | 0      | 0  | 0  | 3.9   | 7  | 3.7 |
| Duration of afterglow (s) :   | 0      | 0  | 0  | 0     | 0  | 0   |

**Comments:** The sample submitted complies with the requirements of BS 7837: 1996.

  
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