

CONFIDENTIAL REPORT

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Date: 3 December 2007

Client: AB Ludvig Svensson
Bangatan 8
SE-511 82 Kinna
Sweden

Job title: Flammability testing of one woven fabric

Client's order or ref no: Letter 16 November 2007

Date of receipt: 22 November 2007

Description of sample(s): One woven fabric, referenced:
Article No: 1473884
Name: Midnight
Composition: 100% PES FR

Work requested: Flammability testing according to BS 5867: Part 2: 1980 (1993)
Type B performance requirements

Uncertainty: An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

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Client: AB Ludvig Svensson

Sample: One woven fabric, referenced:
Article No: 1473884
Name: Midnight
Composition: 100% PES FR

Performance Standard: BS 5867: Part 2: 1980 (1993)
Type B performance requirements

Test Method: BS 5438: 1976 Test 2
Flame application time = 15s

Face Tested: Test flame applied to "red" face

Cleansing Pretreatment: None (tested in the "as received" condition)

Summary of Results:

"The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration."

| Specimen | 1↑ | 2↓ | 3↑ | 4→ | 5← | 6→ |
|--------------------------|----|----|----|----|----|----|
| 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 | 0 | 0 | 0 |
| Duration of afterglow, s | 0 | 0 | 0 | 0 | 0 | 0 |
| Vertical hole size, mm | 78 | 82 | 86 | 83 | 83 | 89 |
| Horizontal hole size, mm | 22 | 21 | 21 | 21 | 20 | 20 |

Assessment:BS 5867: Part 2: 1980 (1993) Type B performance requirements

No part of any hole nor any part of the lowest boundary of any flame shall reach the upper edge or either vertical edge of any specimen and there shall be no separation of any flaming debris from any specimen.

Tested in the "as received" condition this woven fabric complies with the Type B performance requirements of BS 5867: Part 2: 1980 (1993).

----- END OF REPORT -----

Reported by:  D R Young (Laboratory Technician)

Countersigned by:  P M Eaton (Operational Head)



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