

FIRE TECHNOLOGY SERVICES

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CONFIDENTIAL REPORT

Ref: 30/03648 Page 1 of 2

Date: 25 January 2008

Client: Ten Cate Technical Fabrics bv
PC Stamstraat 19
7442 ZA Nijverdal
The Netherlands

Job title: Flammability testing of one woven fabric

Client's order or ref no: Letter 8 January 2007

Date of receipt: 10 January 2007

Description of sample(s): One woven fabric (brown), referenced:
PS5010, bwo 35.301389.

Work requested: Flammability testing to BS 7837: 1996

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: Ten Cate Technical Fabrics bv

Sample: One woven fabric (brown), referenced: PS5010, bwo 35.301389.

Performance Standard: BS 7837: 1996

Test Method: BS 5438: 1989 Test 2B (Bottom edge ignition) with filter paper
 Flame application time = 10s
 Trimmed edge
 Outer face towards burner

Cleansing Pretreatment: Watersoaked according to BS 5651: 1989 Clause 3

Summary of 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.”

Specimen	1↑	2↓	3↑	4→	5←	6→
Duration of flaming, s	1.4	1.5	1.1	1.2	1.3	1.1
Duration of afterglow, s	10.1	11.4	15.1	11.3	14.9	7.7
Flaming debris	No	No	No	No	No	No
Flame to edge	No	No	No	No	No	No
Hole to edge	No	No	No	No	No	No
Glow to edge	No	No	No	No	No	No
Max damaged length, mm	81	62	87	71	54	61
Ignition of filter paper	No	No	No	No	No	No

Assessment:

BS 7837: 1996 Requirements

The sample shall be deemed to perform satisfactorily (pass), if, for at least five of the six test specimens: (a) the duration of flaming does not exceed 5s after removal of the igniting flame; and (b) the lowest boundary of any flame does not reach the upper or either vertical edge; and (c) the filter paper does not smoulder or flame.

This woven fabric complies with the requirements of BS 7837: 1996.

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

Reported by:..... D R Young (Laboratory Technician)

Countersigned by:..... P M Eaton (Operational Head)



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