



**FIRE
TECHNOLOGY
SERVICES**

Confidential Report

Our Ref: 30/06567/1

Notified Body
for PPE Directive,
Construction Products Directive
& Marine Equipment Directive
I.D. No. 0338 & 0339

**BTTG Fire Technology Services
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5 February 2013

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Client: Serge Ferrari S.A.
Zone Industrielle – B.P. 54
38352 La Tour du Pin Cedex
France

Job Title: Flammability testing of one coated fabric

Clients Order Ref: R&D2013_11

Date of Receipt: 16/01/2013

Description of Sample: Mesh PES yarns (1100 dtex) coated with PVC flame retardant on both sides and varnished (weight per unit area – 380g/m², 37% polyester / 63% PVC flame retardant, referenced: **SOLTIS 86**)

Work Requested: Testing to BS 7837: 1996





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Serge Ferrari S.A.

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Performance Standard: BS 7837: 1996

Test Method: BS 5438: 1989 Test 2B (Bottom edge ignition) with filter paper
Flame application time = 10s
Trimmed edge
“Smooth” 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	0	0	0	0	0	0
Duration of afterglow, s	0	0	0	0	0	0
Flaming debris	No	No	No	No	No	No
Flame to edge	No	No	No	No	No	No
Glow to edge	No	No	No	No	No	No
Max damaged length, mm	111	90	92	115	96	98
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 coated fabric complies with the requirements of BS 7837: 1996.

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

Reported by:.....  P M Collinson, Laboratory Technician

Countersigned by:.....  M T Healey, Principal Technician

