



**FIRE
TECHNOLOGY
SERVICES**

Confidential Report

Our Ref: 30/06029

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

BTTG Fire Technology Services
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30 January 2012

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Client: Fleximas Limited
Ashtree House
Ashbrook Lane
Abbots Bromley
Staffordshire
WS15 3DW

Job Title: Flammability testing of one fabric

Clients Order Ref: Order No. 6100

Date of Receipt: 23 January 2012

Description of Sample: HDPE knit fabric, referenced:
Aquatic Blue SAFRSHADE

Work Requested: Testing to BS 7837: 1996





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Fleximas Limited

Sample: HDPE knit fabric, referenced:
Aquatic Blue SAFRSHADE

Performance Standard: BS 7837: 1996

Test Method: BS 5438: 1989 Test 2B (Bottom edge ignition) with filter paper
Flame application time = 10s
Trimmed edge
"Smoother" 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	65	65	68	88	62	63
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 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:.....  P M Eaton, Operational Head

