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No. 1067

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Your Ref. : P/Order LD.2284

REPORT ON SAMPLE SUBMITTED ON 1st May 2002

PE680/FR silver/black fabric :

Flammability performance for textiles used in the construction of
marquees and similar textile structures. (BS7837:1996)

The sample was tested after water soaking in accordance with clause 3 of BS5651:1989 followed by conditioning for not less than 24 hours in the prescribed atmosphere of $20 \pm 2^{\circ}\text{C}$ and $65 \pm 5\%$ relative humidity.

The test method used was BS5438:1989 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.

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.

Requirements: The sample shall be deemed to pass if for at least five of six specimens have a duration of flaming not exceeding 5s 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.

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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: 10s	<u>Length</u>			<u>Width</u>		
	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	0	0	0
Duration of afterglow (s):	0	0	0.9	1.2	2.1	1.8

Comments:

The fabric tested meets the requirements of BS 7837:1996.

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