

Our Ref: SW/PN/JF

20 January 2009

Report 151268

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Eco-Sol Ltd/Flametect
Cardiff House
Cardiff Road
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Contact: Paul Allcock

| | | |
|-----------------------|---|----------------|
| DATE RECEIVED | : | 15 JAN 2009 |
| REPUTED FIBRE CONTENT | : | 100% POLYESTER |
| FABRIC DESCRIPTION | : | KNITTED |
| COLOUR/DESIGN | : | WHITE |
| END USE | : | NET |

REQUEST: FIRE TESTS ACCORDING TO BS 5867 - 2:2008

COMMENT: The sample submitted complies with Type "B" performance requirements.



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LABORATORY MANAGER



P. NEESAM
HEAD OF FLAMMABILITY

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**FIRE TESTS ACCORDING TO BS 5867 - 2:2008
Fabrics for curtains, drapes and window blinds –**

Part 2: Flammability requirements - Specification

Procedure

Specimens of white net curtain were subjected to the test methods as described in BS EN ISO 15025:2002, procedure “A” Surface ignition, in the ‘as received’ state only. The samples were then tested after being conditioned for 24 hours in an atmosphere having a temperature of $20 \pm 2^\circ\text{C}$ and a relative humidity of $65 \pm 5\%$.

Type B performance requirements

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of any flaming debris droplets in the testing of one specimen, a further six specimens shall be tested. If all six new specimens comply with the above requirements, the fabric shall be deemed to conform to the requirements for type “B” of the above standard.

Results

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

No hole reached any edge on any specimen.
No flame reached any edge on any specimen.
No flaming debris was observed.

The sample submitted complies with Type “B” performance requirements.

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During the tests performed, the following was also recorded.

Test conditions: -
 Temperature 18°C
 Relative humidity 47%

| Flame application time 15 secs | Length | | | Width | | |
|-----------------------------------|--------|-----|-----|-------|-----|-----|
| | 1↑ | 2↓ | 3↑ | 4→ | 5← | 6→ |
| Specimen | | | | | | |
| 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 |
| Hole formed | Yes | Yes | Yes | Yes | Yes | Yes |
| Max length of hole (mm) | 35 | 30 | 25 | 30 | 31 | 32 |
| Max width of hole (mm) | 14 | 12 | 15 | 10 | 12 | 12 |