



TEST REPORT NO:047474A Replaces 047474

Date:09 November 2009

PROQUINAL S.A.
PBX (571) 2417800
CALLE 11 # 34-50 BOGOTA D.C.
COLOMBIA

The following sample(s) was/were submitted and identified by/on behalf of the client as:

| | |
|--------------------------|-------------------------|
| Retailer | Spradling International |
| Description of article | Black Fabric |
| Retailer style number | Valencia BS |
| Retailer Standard Number | Unknown |
| Order No./ Buyer | SANTANA |
| Fabric / Yarn Quality | Unknown |
| Date Sample(s) Received: | 02 November 2009 |

Result Summary/Conclusion

Test

BS 5651:1989 Watersoak
BS 7176:1995 Medium Hazard

Remarks

Tests as requested by the customer.

Signature

For and on behalf of
SGS Leicester Ltd.

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Test Request

The sample supplied is a woven fabric and has been tested to BS 7176:1995 using EN 1021-1-2:1994 Smouldering Cigarette and Match and BS 5852:2006 Ignition Source 5 (Medium hazard)

Fibre Identification

Reputed Fibre Composition Not Given

Pre Treatment:

The sample was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS 5651:1989 and then line dried.

Conditioning:

The sample was conditioned at ambient conditions, followed by conditioning in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 16 hours.

Comments on the Results

The fabric sample supplied meets the requirements of BS EN 1021-1-2:1994 Smouldering Cigarette and Match test, BS 5852:2006 Ignition Source 5 and can be classified as 'Medium Hazard'.

Results

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

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Cigarette Test

Pass Criteria

When two samples are tested no progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette. If the cigarette fails to smoulder to its complete length, the test is repeated in a new position not less than 50mm from the previous damage. No progressive smouldering is to be present in the final examination.

| Specimen Number | Cigarette Ignition | |
|-----------------------------------|--------------------|-----|
| | 1 | 2 |
| Smouldering Time of the Cigarette | DNS | DNS |
| Smouldering | N | N |
| Flaming | N | N |
| Smoking | N | N |
| Afterglow | N | N |
| Cover Split | N | N |
| Final Examination | P | P |

Note: The Two cigarettes that were placed on the test specimen to smoulder concurrently, did not smoulder their complete length and self extinguished.

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Match Test:

Pass Criteria: ~ Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube.

| Match Test | | | | |
|-------------------|---|--------|---|--------|
| Specimen Number | 1 | Time | 2 | Time |
| Smouldering | N | - | N | - |
| Flaming | N | - | N | - |
| Smoking | Y | 9 secs | Y | 7 secs |
| Afterglow | N | - | N | - |
| Cover split | N | - | N | - |
| Final Examination | P | | P | |

Ignition Source 5

*Pass Criteria: ~ Disregard flaming which ceases within 10 minutes and smoke, heat or glowing which ceases within 60minutes of igniting the crib.
No smouldering is to be present in the final examination*

| Specimen Number | 1 | Time | 2 | Time |
|--|-----|---------------|-----|---------------|
| Smoking | Y | 5 mins 49secs | Y | 6 mins 31secs |
| Smouldering | N | - | N | - |
| Flaming | Y | 3 mins 10secs | Y | 4 mins 9secs |
| Afterglow | N | - | N | - |
| Damage exceeds limits of clauses 4.1(e) 4.1(f) or 4.2(f) | N | - | N | - |
| Resultant mass loss (g) | 24g | - | 29g | - |
| Final Examination | | Non-Ignition | | Non-Ignition |

Key:

Y=Yes N=No P=Pass F=Fails N/A= Not Applicable.
DNS=Did Not Smoulder

Please note that the fabric sample was tested over combustion modified foam with a density of 35g per m³

End Of Report

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