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Date: 22 September 2020

Our Ref: 23/57764-8
Your Ref: -

Page: 1 of 3

Client: Limonta SPA
Via C. Battisti, 15
23845 Costamasnaga (Lecco)
Italy

Job Title: Cigarette Testing

Client's Order No: -

Date of Receipt: 11 September 2020

Date of Test Start: 18 September 2020

Description of Sample(s): One sample of fabric identified as follows was received for testing:

Lorkey, stated to be 88% polypropylene, 12% polyester

Work Requested: We were asked to make the following test:

Testing to Schedule 4, Part 1, "The Cigarette Test" of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 No. 132 SI No. 1324 (as amended by SI 1989 No. 2358, SI 1993 No. 207 & SI 2010 No. 2205), using BS 5852: Part 1: 1979



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Limonta SPA

Sample was identified as follows:

Lorkey, stated to be 88% polypropylene, 12% polyester

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Pre-Treatment

None.

Conditioning

All materials used were conditioned in the environment specified in Clause 7 of BS 5852: Part 1: 1979 "Methods of test for the ignitability by smokers materials of upholstered composites for seating."

Testing

The material was tested according to BS 5852: Part 1: 1979 "Methods of test for the ignitability by smokers materials of upholstered composites for seating."

The results of BS 5852: Part 1: 1979 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.

Cigarette Test – Source 0

The sample was tested over combustion modified polyurethane foam with a density of approximately 22-24 kg/m³.

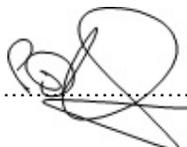
The results for all tests are given in the table(s) on the following page(s).

Uncertainty of measurement has not been taken into account when presenting the test result. The overall uncertainty budget for BS 5852: Part 1: 1979 is as follows:

Measurements: ± 2 mm

Timings: ± 2 seconds

Reported by: 
B Bland
Laboratory Technician

Countersigned By: 
P Doherty
Manager



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RESULTS

Sample Ref: Lorkey, stated to be 88% polypropylene, 12% polyester

Cigarette Test – Source 0

Specimen No.	1	2
Time of Ignition (min)	--	--
Time of Flame Extinction (min)	19	19
Time to cover split (min)	5	5
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	No	No

Requirements:

No flaming or progressive smouldering within a period of 1 hour from placement of the cigarette.

Result of the Cigarette Test: Pass

Abbreviations

DNP – Did not propagate
ME – Manually extinguished
DNS – Material did not split
BTE – Burnt to extremities
EC – Escalating combustion
ES – Escalating smouldering
DNO – Did not observe time of event

Note: This report relates only to the samples submitted and as described in the report.

Conclusion

The sample meets the flammability requirements of Schedule 4, Part 1, “The Cigarette Test” of the Furniture and Furnishings (Fire) (Safety) Regulation 1988 (as amended) S.I. No. 1324.



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